PLANKTON STUDIES IN SAN FRANCISCO BAY, IX.

CHLOROPHYLL DISTRIBUTIONS AND HYDROGRAPHIC PROPERTIES OF SOUTH SAN FRANCISCO BAY, 1984-86

By Andrea A. Alpine, Sally M. Wienke, James E. Cloern, and Brian E. Cole

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ABSTRACT

This report summarizes the distribution of phytoplankton biomass and selected hydrographic properties in South San Francisco Bay during 1984-1986. There were a total of 67 cruises during the three-year period with the most frequent sampling occurring during the spring. Parameters measured were chlorophyll a, phaeopigments, in-vivo fluorescence, turbidity, salinity, and temperature.

INTRODUCTION

Data are presented to summarize results of surveys of water quality in South San Francisco Bay (SSFB) during 1984 - 86. Measurements of salinity, temperature, turbidity (nephelometry), and *in-vivo* fluorescence were made in near-surface waters of the main shipping channel of the South San Francisco Bay. At some stations these same parameters were measured at 3-6 depths of the water column. Chlorophyll *a*, phaeopigments, and light attenuation (measured with a Secchi disk) also were measured at these stations. Discrete measurements of salinity were made at some locations to calibrate the continuous flow system. Locations of sampling stations are given in Table 1.

METHODS

Sampling System

Sampling sites are shown in Figure 1 and identified in Table 1 by the universal transverse mercator (UTM) system (shortened to include only digits significant to SSFB). Station positions were determined (± 0.2 km) using radar.

The stations (Table 1) were sampled from the R/V POLARIS using one of two sampling modes, surface (i.e., longitudinal) profiling and vertical profiling. In the surface profiling mode water was pumped from a through-the-hull fitting located near the bow of the vessel at a depth of approximately one meter. For vertical profiling a submersible pump was lowered to obtain samples from specific depths.

The pumped sample was directed through various instruments (see below) for continuous analyses: salinity, temperature, *in-vivo* fluorescence and turbidity (nephelometry). At selected stations, discrete samples were

collected from the pumped water as it exited the continuous instrumentation. The discrete samples were taken for measurement of chlorophyll a and phaeopigments, and for salinity. Light attenuation was determined while at anchor.

The following descriptions of the separate analyses are divided into two sections: continuous analyses and discrete analyses.

Continuous Analysis

Salinity was measured continuously with a flow-sample electrodeless induction salinometer (Schemel and Dedini, 1979). For calibration, 3 to 14 discrete samples (DISCR SALIN) were collected over the encountered salinity range during each cruise and analyzed with a high-precision (± 0.003 ppt) Beckman ® salinometer[1] calibrated with Copenhagen water. The reported salinities (SALIN) were calculated from linear regression of the discrete samples against the continuous readings.

Temperature (TEMP) was measured by probes inserted into the sample stream (Schemel and Dedini, 1979). The probes are linearized thermistor elements, calibrated at ice point and near 20° C. Temperature measurements are accurate within ± 0.2° C.

In-vivo fluorescence (FLUOR) was measured continuously with a Turner Designs ® Model 10 fluorometer. Linear regressions of measured chlorophyll a (DISCR CHL A) against in-vivo fluorescence were used to determine a calculated chlorophyll a (CALC CHL A) for each fluorescence reading (CALC CHL A = $a_1 + b_1$ * fluorescence). Samples taken from station 33 were

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1 The use of brand names is for identification purposes only and does not constitute endorsement by the U.S. Geological Survey.

not used in the regressions because this area often has very high levels of phaeopigments, and species may occur in the phytoplankton population of this area that do not occur in the rest of SSFB. Regression and correlation coefficients presented at the bottom of each data summary show how well (or poorly) these parameters correlate. Caution should be exercised in using calculated chlorophyll *a* values when the coefficient of determination (r^2) is less than 0.70. Also note that some of these regressions produce negative intercepts (i.e., there is fluorescence in the water not associated with particulate chlorophyll *a*).

A Secchi disk was used to measure the attenuation of light. The extinction coefficient (EXCOF) was calculated from the equation $e = 0.4 + 109/SD$ (where SD is the Secchi depth in centimeters). The equation was derived from studies in 1980 (unpublished data) when Secchi depth and light extinction (measured with a quantum sensor) were simultaneously measured.

Turbidity was continuously measured with a Turner Designs® Model 10 fluorometer equipped with a 10-033 nephelometry attachment (Schemel and Dedini, 1979). Regressions of extinction coefficient against nephelometer value for each sampling station were used to calculate extinction coefficients (CALC EXCOF) from continuous nephelometer output (CALC EXCOF = $a_2 + b_2$ * nephelometer value). Again, caution should be exercised when using calculated values where the coefficient of determination is less than 0.70.

Discrete Analyses

Samples for chlorophyll *a* (DISC CHL A) and phaeopigments (DISCR PHAEO) were collected from the pumped sample stream as it exited from the fluorometer. The sample was filtered at less than 5 psi through a Gelman® glass fiber filter and immediately frozen. The filter then was ground in

90 percent acetone with a teflon tissue grinder. After extraction for 12-24 hours in a refrigerator, samples were centrifuged and absorbances read on a Varian® 635D spectrophotometer. Samples were acidified (Riemann, 1979) to measure phaeopigments. Chlorophyll *a* and phaeopigment values were calculated using Lorenzen's (1967) equations.

Chlorophyll *a* concentration divided by chlorophyll *a* concentration plus phaeopigment concentrations (CHL a/a + PHA) is an estimate of the proportion of chlorophyll *a* to chlorophyll *a* plus its degradation products.

Tidal phase (tide) was noted by visual observation and recorded as flood (+1), slack (0), and ebb (-1).

All times (TIME) are local time, either Pacific Daylight or Pacific Standard Time.

REFERENCES

Lorenzen, C.J., 1967, Determination of chlorophyll and phaeopigments, spectrophotometric equations: Limnology and Oceanography, v. 12, p. 343-346.

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Schemel, L.E., and Dedini, L.A., 1979, A continuous water sampling and multiparameter measurement system for estuaries: U.S. Geological Survey Open-File Report 79-273, 49 p.

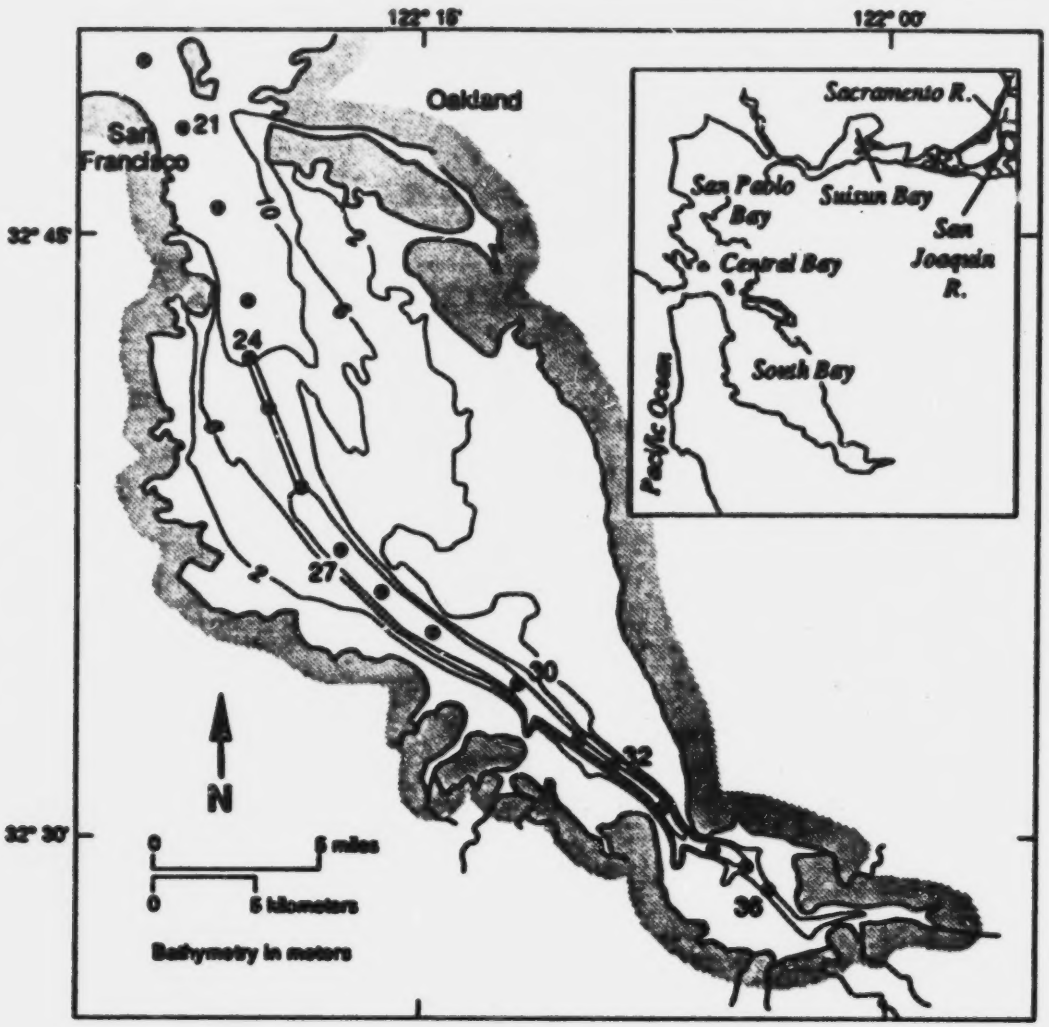

Figure 1: Map of South San Francisco Bay showing sampling locations. Vertical profiles were taken at the numbered stations.

TABLE 1: SOUTH SAN FRANCISCO BAY CHANNEL STATIONS

STATION NUMBER	UTM LOCATION N.	E.	NAME	NORTH LATITUDE	WEST LONGITUDE
20	185.4	552.4	Blossom Rock	37° 49.0'	122° 24.3'
21	183.6	555.5	Bay Bridge	48.0	22.2'
22	179.4	556.5	Potrero Pt.	45.7'	21.5'
23	175.5	558.5	Hunters Pt.	43.6'	20.2'
24	172.5	558.3	Candlestick Park	42.0'	20.3'
25	169.4	559.5	Oyster Pt.	40.3	19.5
26	165.4	560.5	San Bruno Shoal	38.2'	19.0'
27	163.4	562.5	San Francisco Airport	37.1'	17.5'
28	161.5	564.4	N. San Mateo Br.	36.0'	16.2'
29	159.5	566.7	S. San Mateo Br.	34.9'	14.8'
30	156.5	571.4	Redwood Cr.	33.3	11.5'
31	153.8	574.5	Coyote Hills	31.8	9.4'
32	152.5	576.5	Ravenswood Pt.	31.1'	8.1'
33	151.6	577.5	Dumbarton Br.	30.6'	7.4'
34	149.8	580.6	Newark Slough	29.6	5.3'
35	148.5	581.5	Palo Alto	28.9'	4.7'
36	147.4	582.7	Calaveras Pt.	28.3'	3.8'

APPENDIX A: DATA SUMMARIES

TABLE 2: TABLE OF UNITS

VARIABLE (Abbreviation)	UNITS
Station (STATN NUMBR)	
Time (TIME)	Local PST or PDT
Depth at which sample was taken (DEPTH)	Meters
Measured chlorophyll a (DISCR CHL A)	µg/L
Measured phaeopigments (DISCR PHAEO)	µg/L
In-vivo fluorescence (FLUOR)	Relative units
Calculated chlorophyll a (CALC CHL A)	µg/L
Measured extinction coefficient (EXCOFF)	Per meter
Calculated extinction coefficient (CALC EXCOF)	Per meter
Salinity (SALIN)	
Temperature (TEMP)	Degrees Celsius

LOCATION: SOUTH BAY CHANNEL
DATE: 26 JANUARY 1984

STATN NUMBR	DEPTH	TIME	TIDE	DISCR CHL A	DISCR PHAEO	CHLA/ A+PHA	FLUOR	CALC CHL A	EXCOF (SD)	CALC EXCOF	DISCR SALIN	SALIN	TEMP
32.0	0.0	826	-1	-----	-----	-----	0.172	4.5	2.22	-----	-----	14.90	11.70
32.0	2.0	821	-1	5.6	1.4	0.80	0.178	4.7	-----	-----	15.17	15.13	11.80
32.0	9.0	816	-1	4.4	1.6	0.73	0.186	5.1	-----	-----	15.67	15.72	11.90
31.0	1.0	836	-1	-----	-----	-----	0.162	4.0	-----	-----	-----	15.66	10.80
30.0	0.0	900	-1	-----	-----	-----	0.149	3.5	1.85	-----	-----	16.33	12.00
30.0	2.0	904	-1	4.1	1.4	0.74	0.153	3.7	-----	-----	-----	16.12	11.90
30.0	10.0	850	-1	3.6	2.5	0.58	0.158	3.8	-----	-----	-----	16.21	12.00
29.0	1.0	932	-1	-----	-----	-----	0.149	3.5	-----	-----	-----	16.61	10.90
28.0	1.0	942	-1	-----	-----	-----	0.146	3.4	-----	-----	-----	16.58	10.90
27.0	1.0	953	-1	-----	-----	-----	0.111	1.9	-----	-----	-----	17.54	11.10
26.0	1.0	1006	-1	-----	-----	-----	0.128	2.6	-----	-----	-----	17.64	11.00
25.0	1.0	1022	-1	-----	-----	-----	0.134	2.8	-----	-----	-----	17.83	10.90
24.0	0.0	1036	-1	-----	-----	-----	0.117	2.1	2.22	-----	-----	18.27	11.90
24.0	2.0	1032	-1	1.8	1.8	0.51	0.103	1.5	-----	-----	18.29	18.32	11.90
24.0	8.0	1048	-1	1.7	2.8	0.38	0.124	2.0	-----	-----	18.35	18.37	12.00
23.0	0.0	1107	-1	-----	-----	-----	0.114	2.0	-----	-----	-----	18.27	12.30
22.0	1.0	1120	-1	-----	-----	-----	0.125	2.5	-----	-----	-----	17.62	12.50
21.0	0.0	1206	-1	-----	-----	-----	0.091	1.0	1.24	-----	-----	18.06	11.90
21.0	2.0	1200	-1	2.0	0.5	0.81	0.118	2.2	-----	-----	18.01	18.02	11.90
21.0	5.0	1158	-1	-----	-----	-----	0.117	2.1	-----	-----	-----	18.73	12.00
21.0	8.0	1151	-1	-----	-----	-----	0.124	2.4	-----	-----	-----	18.83	12.00
21.0	12.0	1146	-1	2.0	2.8	0.40	0.118	2.1	-----	-----	20.81	20.78	12.20
22.0	1.0	1227	-1	-----	-----	-----	0.125	2.5	-----	-----	-----	18.11	11.10
23.0	1.0	1245	-1	-----	-----	-----	0.134	2.8	-----	-----	-----	17.82	11.10
24.0	1.0	1258	-1	-----	-----	-----	0.135	2.8	-----	-----	-----	17.77	11.10
25.0	1.0	1313	-1	-----	-----	-----	0.136	3.0	-----	-----	-----	17.11	11.20
26.0	1.0	1327	-1	-----	-----	-----	0.133	2.8	-----	-----	-----	16.80	11.10
27.0	0.0	1401	-1	-----	-----	-----	-----	-----	1.76	-----	-----	16.22	12.30
27.0	2.0	1356	-1	3.0	1.5	0.72	-----	-----	-----	-----	-----	16.24	12.30
27.0	10.0	1347	-1	3.5	2.7	0.57	-----	-----	-----	-----	16.53	16.49	12.20
28.0	1.0	1408	1	-----	-----	-----	-----	-----	-----	-----	-----	15.82	10.90
30.0	1.0	1444	1	-----	-----	-----	-----	-----	-----	-----	-----	14.98	11.10

REGRESSION	N	R^2	A	B	Syx
CHL A vs FLUORESCENCE	8	0.80	-2.918	43.065	0.516
EXCOF vs NEPHELOMETRY	0	0.00	0.000	0.000	0.000
SALINITY vs DISCR SALINITY	7	1.00	0.644	0.977	0.042

LOCATION: South Bay Channel
DATE: 8 February 1984

STATN NUMBR	DEPTH	TIME	TIDE	DISCR CHL A	DISCR PHABO	CHLA/ A+PHA	FLUOR	CALC CHL A	EXCOF (BD)	CALC EXCOF	DISCR SALIN	SALIN	TEMP
32.0	2.0	801	-1	2.5	0.8	0.75	0.083	2.3	1.18	1.10	-----	17.83	13.40
32.0	8.0	757	-1	1.8	0.6	0.75	0.068	1.8	-----	1.27	18.86	18.86	13.30
31.0	1.0	813	-1	-----	-----	-----	0.085	2.4	-----	1.18	-----	18.05	12.30
30.0	2.0	841	-1	5.4	1.1	0.83	0.134	4.6	1.08	1.05	-----	17.89	13.40
30.0	7.0	837	-1	-----	-----	-----	0.062	1.3	-----	1.15	-----	19.35	13.40
30.0	11.0	833	-1	1.6	0.8	0.66	0.064	1.3	-----	1.33	-----	19.48	13.30
29.0	1.0	804	-1	-----	-----	-----	0.091	2.6	-----	1.09	-----	18.67	12.30
28.0	1.0	813	-1	-----	-----	-----	0.110	3.5	-----	0.98	-----	19.01	12.40
27.0	2.0	844	-1	3.0	0.6	0.84	0.088	2.5	0.95	0.98	-----	19.35	13.50
27.0	5.0	840	-1	-----	-----	-----	0.066	1.4	-----	1.06	-----	20.35	13.40
27.0	10.0	833	-1	1.5	1.0	0.60	0.067	1.5	-----	1.19	20.80	20.81	13.30
26.0	1.0	958	-1	-----	-----	-----	0.123	4.1	-----	0.88	-----	19.67	12.40
25.0	1.0	1011	-1	-----	-----	-----	0.106	3.3	-----	0.98	-----	19.84	12.40
24.0	2.0	1040	-1	1.8	0.7	0.88	0.078	2.0	0.87	1.02	-----	20.71	13.30
24.0	5.0	1035	-1	-----	-----	-----	0.058	1.1	-----	1.05	-----	21.50	13.20
24.0	8.0	1030	-1	0.8	0.6	0.60	0.054	0.8	-----	1.12	23.03	23.02	13.20
23.0	1.0	1058	-1	-----	-----	-----	0.091	2.8	-----	1.01	-----	21.32	12.30
22.0	1.0	1110	-1	-----	-----	-----	0.101	3.1	-----	1.00	-----	20.86	12.20
21.0	0.8	1140	-1	-----	-----	-----	0.141	5.0	1.08	1.02	-----	20.17	13.30
21.0	2.0	1145	-1	2.5	0.8	0.77	0.114	3.7	-----	1.07	-----	20.34	13.40
21.0	5.0	1140	-1	-----	-----	-----	0.085	2.4	-----	1.13	-----	21.61	13.30
21.0	10.0	1135	-1	-----	-----	-----	0.087	2.4	-----	1.44	-----	23.42	13.20
21.0	15.0	1129	-1	1.7	1.1	0.80	0.083	2.2	-----	1.52	24.71	24.72	13.30
22.0	1.0	1205	-1	-----	-----	-----	0.100	3.5	-----	0.88	-----	29.88	12.30
23.0	1.0	1217	0	-----	-----	-----	0.082	2.7	-----	1.00	-----	22.40	13.20
24.0	1.0	1229	0	-----	-----	-----	0.125	4.2	-----	1.05	-----	21.13	12.40
25.0	1.0	1243	0	-----	-----	-----	0.185	7.5	-----	0.87	-----	16.50	12.70
26.0	1.0	1251	1	-----	-----	-----	0.151	5.4	-----	0.88	-----	18.54	12.50
27.0	1.0	1307	1	-----	-----	-----	0.148	5.3	-----	1.08	-----	18.75	12.50
28.0	1.0	1317	1	-----	-----	-----	0.180	5.0	-----	1.08	-----	18.43	12.40
29.0	1.0	1329	1	-----	-----	-----	0.184	7.0	-----	1.08	-----	19.07	12.50
30.0	1.0	1345	1	-----	-----	-----	0.168	6.2	-----	1.13	-----	17.87	12.50

REGRESSION	N	R^2	A	B	Syx
CHL A vs FLUORESCENCE	10	0.79	-1.831	46.606	0.618
EXCOF vs NEPHELOMETRY	5	0.75	0.747	1.813	0.054
SALINITY vs DISCR SALINITY	4	1.00	-0.423	1.028	0.016

LOCATION: SOUTH BAY CHANNEL
DATE: 16 FEBRUARY 1994

STATN NUMBR	DEPTH	TIME	TIDE	DISCR CHL A	DISCR PHAEO	CHLA/ A+PHA	FLUOR	CALC CHL A	EXCOF (SD)	CALC EXCOF	DISCR SALIN	SALIN	TEMP
28.0	1.0	711	1	-----	-----	-----	0.087	2.8	-----	2.35	-----	19.97	12.00
27.0	1.0	729	1	-----	-----	-----	0.082	2.2	-----	1.98	-----	20.44	11.80
26.0	1.0	753	1	-----	-----	-----	0.094	2.8	-----	3.05	-----	22.36	11.90
24.0	1.0	809	1	-----	-----	-----	0.075	1.9	-----	3.03	-----	23.74	11.80
23.0	1.0	825	1	-----	-----	-----	0.067	1.5	-----	2.37	-----	23.87	11.80
22.0	1.0	844	1	-----	-----	-----	0.071	1.7	-----	2.21	-----	24.88	11.90
21.0	0.0	852	1	-----	-----	-----	0.088	1.6	1.86	2.55	24.04	24.00	12.80
21.0	1.0	906	1	-----	-----	-----	0.078	2.0	-----	2.67	-----	24.35	11.80
21.0	1.0	956	1	-----	-----	-----	0.074	1.8	-----	2.51	-----	23.83	11.70
21.0	2.0	945	1	2.2	3.5	0.38	0.078	2.0	-----	3.00	25.38	25.36	12.80
21.0	5.0	937	1	-----	-----	-----	0.088	2.5	-----	3.80	-----	26.56	13.00
21.0	10.0	928	1	-----	-----	-----	0.086	2.4	-----	3.70	-----	27.58	13.00
21.0	14.0	921	1	3.3	4.8	0.41	0.090	2.6	-----	4.00	27.62	27.65	-----
23.0	1.0	1027	1	-----	-----	-----	0.082	2.2	-----	2.37	-----	25.70	12.00
24.0	0.0	1110	1	-----	-----	-----	0.081	2.2	1.76	2.35	-----	25.11	13.00
24.0	1.0	1047	1	-----	-----	-----	0.084	2.8	-----	3.87	-----	25.41	12.00
24.0	2.0	1106	1	2.7	2.2	0.55	0.086	2.4	-----	2.80	-----	25.44	13.00
24.0	10.0	1057	1	2.8	4.2	0.40	0.084	2.8	-----	3.88	-----	25.48	13.00
25.0	1.0	1128	1	-----	-----	-----	0.088	3.0	-----	2.88	-----	23.77	12.00
25.5	1.0	1135	1	-----	-----	-----	0.088	2.8	-----	2.83	-----	23.57	12.00
26.0	1.0	1142	1	-----	-----	-----	0.088	3.0	-----	2.86	-----	23.20	11.90
27.0	0.0	1209	1	-----	-----	-----	0.102	3.1	2.22	2.54	-----	22.02	13.00
27.0	1.0	1154	1	-----	-----	-----	0.100	3.1	-----	3.58	-----	22.00	12.00
27.0	2.0	1205	1	3.1	1.5	0.67	0.101	3.1	-----	2.58	-----	22.00	13.00
27.0	12.0	1200	1	2.8	2.4	0.54	0.105	3.3	-----	3.01	22.49	22.55	12.90
28.0	1.0	1305	-1	-----	-----	-----	0.143	5.1	-----	2.42	-----	21.16	11.80
29.0	1.0	1317	-1	-----	-----	-----	0.150	5.5	-----	2.43	-----	20.53	12.10
30.0	1.0	1340	-1	-----	-----	-----	0.138	4.9	-----	2.41	-----	20.07	12.20
30.0	1.0	1422	-1	3.7	1.8	0.68	0.141	5.0	2.22	2.45	19.81	19.79	12.20
31.0	1.0	1448	-1	-----	-----	-----	0.212	8.4	-----	3.53	-----	18.28	12.30
32.0	0.0	1537	-1	-----	-----	-----	0.241	9.8	6.46	4.30	-----	17.75	13.50
32.0	1.0	1502	-1	-----	-----	-----	0.236	9.8	-----	4.89	-----	18.12	12.40
32.0	2.0	1531	-1	9.8	5.6	0.63	0.241	9.8	-----	4.77	17.89	17.83	13.50
32.0	5.0	1534	-1	10.5	5.2	0.67	0.230	9.7	-----	4.88	-----	17.88	13.50
33.0	1.0	1553	-1	-----	-----	-----	0.283	10.9	-----	4.81	-----	17.21	13.40
34.0	1.0	1807	-1	-----	-----	-----	0.345	14.8	-----	8.83	-----	16.83	12.50
35.0	1.0	1818	-1	-----	-----	-----	0.354	15.3	-----	8.45	-----	15.32	12.50
36.0	0.0	1851	-1	-----	-----	-----	0.374	16.2	11.30	11.73	-----	12.58	13.80
36.0	1.0	1700	-1	-----	-----	-----	0.365	15.8	-----	11.70	-----	12.10	12.70
36.0	2.0	1841	-1	17.8	11.5	0.60	0.377	16.4	-----	12.10	12.87	12.90	13.80
36.0	4.0	1835	-1	17.1	10.2	0.47	0.383	17.1	-----	12.84	-----	14.01	13.70

REGRESSION	N	R^2	A	B	Syx
CHL A vs FLUORESCENCE	9	0.96	-1.729	47.968	0.872
EXCOF vs NEPHELOMETRY	8	0.82	1.254	1.561	1.183
SALINITY vs DISCR SALINITY	7	1.00	0.102	1.006	0.048

LOCATION: South Bay Channel
DATE: 29 February 1984

STATN NUMBR	DEPTH	TIME	TIDE	DISCR CHL A	DISCR PHARO	CHLA/ A+PHA	FLUOR	CALC CHL A	EXCOF (SD)	CALC EXCOF	DISCR SALIN	SALIN	TEMP
30.0	1.0	725	1	-----	-----	-----	0.104	3.0	-----	1.85	-----	19.62	12.50
29.0	1.0	740	1	-----	-----	-----	0.089	2.5	-----	1.56	-----	20.70	12.50
28.0	1.0	756	1	-----	-----	-----	0.082	2.6	-----	1.53	-----	20.81	12.40
27.0	1.0	807	1	-----	-----	-----	0.080	2.5	-----	1.74	-----	21.43	12.40
25.0	1.0	833	1	-----	-----	-----	0.070	1.9	-----	1.88	-----	22.45	12.10
24.0	1.0	847	1	-----	-----	-----	0.070	1.9	-----	1.55	-----	23.10	12.10
23.0	1.0	901	1	-----	-----	-----	0.079	2.2	-----	1.45	-----	22.62	12.00
21.0	0.0	958	1	-----	-----	-----	0.067	1.8	1.38	1.44	22.53	22.55	12.00
21.0	2.0	953	1	1.7	1.4	0.55	0.081	1.6	-----	1.65	-----	23.82	12.00
21.0	5.0	950	1	-----	-----	-----	0.064	1.7	-----	1.82	25.22	25.23	13.00
21.0	10.0	947	1	-----	-----	-----	0.063	1.7	-----	1.83	-----	28.39	12.80
21.0	13.8	941	1	1.8	3.2	0.37	0.066	1.8	-----	2.01	28.41	28.40	12.80
22.0	1.0	1015	1	-----	-----	-----	0.068	1.9	-----	1.35	-----	23.45	12.00
23.0	1.0	1028	1	-----	-----	-----	0.082	2.6	-----	1.35	-----	23.17	12.20
24.0	0.0	1056	1	-----	-----	-----	0.060	1.9	1.38	1.41	-----	23.54	13.20
24.0	2.0	1053	1	2.0	1.0	0.67	0.072	2.0	-----	1.44	-----	23.84	13.20
24.0	5.0	1050	1	-----	-----	-----	0.068	1.8	-----	1.85	-----	24.80	13.00
24.0	10.0	1048	1	2.6	2.8	0.48	0.075	2.1	-----	2.53	-----	25.14	13.00
25.0	1.0	1118	1	-----	-----	-----	0.070	2.2	-----	1.56	-----	22.71	12.20
26.0	1.0	1130	1	-----	-----	-----	0.082	2.6	-----	1.47	-----	21.81	12.20
27.0	0.0	1156	0	-----	-----	-----	0.101	2.9	1.38	1.43	-----	21.52	14.20
27.0	2.0	1153	0	4.4	0.8	0.84	0.120	3.6	-----	1.47	-----	21.55	13.70
27.0	8.0	1150	0	-----	-----	-----	0.078	2.2	-----	1.81	-----	21.73	13.30
27.0	12.0	1145	0	2.1	1.8	0.54	0.085	2.4	-----	1.84	-----	21.86	13.30
28.0	1.0	1212	-1	-----	-----	-----	0.120	3.6	-----	1.48	-----	21.16	12.50
29.0	1.0	1225	-1	-----	-----	-----	0.127	3.8	-----	1.55	-----	21.02	12.60
30.0	0.0	1303	-1	-----	-----	-----	0.198	3.2	1.81	1.48	20.20	20.18	15.40
30.0	2.0	1256	-1	3.9	0.9	0.81	0.135	4.1	-----	1.52	-----	20.81	14.60
30.0	5.0	1255	-1	-----	-----	-----	0.121	3.6	-----	1.57	-----	20.73	13.80
30.0	13.0	1250	-1	2.0	1.9	0.51	0.101	2.9	-----	1.78	-----	20.86	13.60
31.0	1.0	1328	-1	-----	-----	-----	0.156	4.8	-----	1.73	-----	18.41	12.70
32.0	0.0	1350	-1	-----	-----	-----	0.187	5.8	1.86	1.87	-----	18.87	14.40
32.0	2.0	1347	-1	6.2	1.6	0.79	0.187	5.8	-----	1.80	-----	18.79	14.40
32.0	8.0	1343	-1	4.1	4.6	0.47	0.153	4.6	-----	3.11	-----	19.50	13.70

REGRESSION	N	R^2	A	B	Syx
CHL A vs FLUORESCENCE	10	0.88	-0.403	33.018	0.541
EXCOF vs NEPHELOMETRY	5	0.92	0.827	1.319	0.062
SALINITY vs DISCR SALINITY	4	1.00	-0.444	1.032	0.027

LOCATION: South Bay Channel
DATE: 9 March 1984

STATN NUMBR	DEPTH	TIME	TIDE	DISCR CHL A	DISCR PHAEO	CHLA/ A+PHA	FLUOR	CALC CHL A	EXCOF (SD)	CALC EXCOF	DISCR SALIN	SALIN	TEMP
32.0	0.0	818	-1	-----	-----	-----	0.117	4.5	1.49	1.49	18.88	18.88	14.50
32.0	1.0	821	-1	-----	-----	-----	0.120	4.6	-----	1.53	-----	18.90	14.30
32.0	2.0	812	-1	4.2	1.9	0.68	0.108	3.9	-----	1.50	-----	19.05	14.50
32.0	5.0	808	-1	-----	-----	-----	0.108	3.9	-----	1.72	-----	19.32	14.50
32.0	9.0	805	-1	3.7	2.7	0.58	0.106	3.9	-----	2.02	-----	19.45	14.50
31.0	1.0	828	-1	-----	-----	-----	0.101	3.6	-----	1.50	-----	19.36	14.20
30.0	0.0	857	-1	-----	-----	-----	0.117	4.5	1.39	1.47	-----	19.60	14.40
30.0	1.0	900	-1	-----	-----	-----	0.120	4.6	-----	1.63	-----	19.66	14.20
30.0	2.0	854	-1	3.8	1.5	0.71	0.101	3.6	-----	1.44	-----	19.81	14.40
30.0	5.0	850	-1	-----	-----	-----	0.076	2.2	-----	1.32	-----	20.38	14.30
30.0	10.0	847	-1	1.9	1.9	0.51	0.078	2.4	-----	1.75	-----	20.48	14.30
29.0	1.0	847	-1	-----	-----	-----	0.108	3.9	-----	1.24	-----	20.44	14.20
28.0	1.0	852	-1	-----	-----	-----	0.082	3.1	-----	1.22	-----	20.84	14.00
27.0	1.0	1006	-1	-----	-----	-----	0.088	2.8	-----	1.19	-----	21.01	14.00
26.0	1.0	1015	-1	-----	-----	-----	0.066	1.7	-----	1.22	-----	21.52	14.00
25.0	1.0	1027	-1	-----	-----	-----	0.062	2.6	-----	1.18	-----	21.87	13.80
24.0	0.0	1050	-1	-----	-----	-----	0.074	2.1	1.08	1.12	-----	22.36	14.00
24.0	2.0	1054	-1	2.2	0.7	0.78	0.072	2.0	-----	1.14	-----	22.38	14.00
24.0	5.0	1050	-1	-----	-----	-----	0.063	1.5	-----	1.16	-----	22.57	13.90
24.0	8.0	1047	-1	1.3	1.1	0.54	0.054	1.1	-----	1.22	22.67	23.70	13.80
23.0	1.0	1124	-1	-----	-----	-----	0.081	1.4	-----	1.24	-----	22.80	13.80
22.0	1.0	1138	0	-----	-----	-----	0.065	1.7	-----	1.14	-----	23.10	13.30
21.0	0.0	1211	1	-----	-----	-----	0.070	1.8	1.48	1.33	-----	22.84	14.30
21.0	1.0	1214	1	-----	-----	-----	0.073	2.1	-----	1.30	-----	22.90	13.70
21.0	2.0	1200	1	1.8	1.3	0.58	0.065	1.7	-----	1.36	-----	22.80	13.80
21.0	6.0	1205	1	-----	-----	-----	0.057	1.2	-----	1.45	-----	-----	13.80
21.0	12.0	1158	1	1.6	2.8	0.38	0.066	1.7	-----	1.76	24.03	24.01	13.40
23.0	1.0	1245	1	-----	-----	-----	0.066	1.7	-----	1.18	-----	22.80	13.80
24.0	1.0	1255	1	-----	-----	-----	0.070	1.8	-----	1.13	-----	22.68	13.90
25.0	1.0	1307	1	-----	-----	-----	0.078	2.3	-----	1.18	-----	22.25	13.90
26.0	1.0	1320	1	-----	-----	-----	0.082	2.6	-----	1.14	-----	21.48	14.00
27.0	0.0	1345	1	-----	-----	-----	0.065	1.7	1.24	1.28	-----	21.08	14.30
27.0	2.0	1342	1	1.5	0.8	0.64	0.066	1.7	-----	1.28	-----	21.12	14.30
27.0	5.0	1340	1	-----	-----	-----	0.057	1.2	-----	1.33	-----	21.28	14.20
27.0	10.0	1337	1	1.1	1.1	0.49	0.055	1.1	-----	1.41	-----	21.58	14.10
28.0	1.0	1408	1	-----	-----	-----	0.087	2.8	-----	1.31	-----	21.04	14.40
29.0	1.0	1418	1	-----	-----	-----	0.000	3.0	-----	1.28	-----	20.88	14.40

REGRESSION	N	R^2	A	B	Syx
CHL A vs FLUORESCENCE	10	0.95	-1.848	59.825	0.288
EXCOF vs NEPHELOMETRY	5	0.71	0.845	1.569	0.108
SALINITY vs DISCR SALINITY	3	1.00	0.281	1.006	0.038

LOCATION: SOUTH BAY CHANNEL
DATE: 20 MARCH 1984

STATN NUMBR	DEPTH	TIME	TIDE	DISCR CHL A	DISCR PHABO	CHLA/ A+PHA	FLUOR	CALC CHL A	EXCOF (SD)	CALC EXCOF	DISCR SALIN	SALIN	TEMP
30.0	1.0	632	-1	-----	-----	-----	0.118	8.3	-----	2.74	-----	20.76	15.50
29.0	1.0	650	-1	-----	-----	-----	0.084	3.3	-----	2.06	-----	21.68	14.80
28.0	1.0	658	-1	-----	-----	-----	0.082	3.2	-----	2.45	-----	21.85	14.80
27.0	1.0	708	-1	-----	-----	-----	0.080	3.0	-----	2.41	-----	22.33	14.70
25.0	1.0	728	-1	-----	-----	-----	0.078	2.7	-----	2.43	-----	23.16	14.80
24.0	1.0	738	-1	-----	-----	-----	0.078	2.7	-----	2.51	-----	23.70	14.80
23.0	1.0	748	-1	-----	-----	-----	0.080	3.0	-----	2.80	-----	23.88	14.50
22.0	1.0	802	-1	-----	-----	-----	0.074	2.5	-----	2.28	-----	24.18	14.40
21.0	0.0	828	0	3.3	2.5	0.57	0.083	3.3	2.22	2.30	-----	23.78	14.70
21.0	2.0	825	-1	-----	-----	-----	0.083	3.3	-----	2.55	23.80	23.78	14.60
21.0	15.0	818	-1	9.5	5.0	0.37	0.100	4.7	-----	3.78	24.33	24.31	14.40
23.0	1.0	900	0	-----	-----	-----	0.073	2.4	-----	2.36	-----	23.86	14.50
24.0	0.0	925	1	-----	-----	-----	0.086	1.8	1.61	1.82	-----	23.42	14.70
24.0	2.0	921	1	2.3	0.5	0.82	0.080	2.1	-----	1.84	23.83	23.58	14.70
24.0	7.0	917	1	3.1	2.0	0.61	0.072	2.3	-----	2.35	23.68	23.68	14.60
25.0	1.0	943	1	-----	-----	-----	0.077	2.8	-----	1.88	-----	22.83	14.80
26.0	1.0	956	1	-----	-----	-----	0.082	3.2	-----	1.76	-----	22.34	14.80
27.0	0.0	1020	1	3.0	1.0	0.75	0.077	2.7	1.61	1.82	-----	21.83	15.50
27.0	2.0	1017	1	-----	-----	-----	0.083	3.3	-----	1.86	21.84	21.80	15.00
27.0	10.0	1013	1	3.0	5.1	0.37	0.085	4.3	-----	3.86	22.22	22.25	14.80
28.0	1.0	1035	1	-----	-----	-----	0.087	4.5	-----	1.83	-----	21.70	15.40
29.0	1.0	1045	1	-----	-----	-----	0.105	5.2	-----	1.84	-----	21.28	15.20
30.0	0.0	1117	1	-----	-----	-----	0.118	8.4	1.85	1.84	-----	20.50	15.80
30.0	2.0	1114	1	7.2	1.8	0.80	0.114	8.0	-----	2.85	20.85	20.87	15.30
30.0	12.0	1108	1	5.0	4.8	0.50	0.103	5.0	-----	3.81	21.83	21.11	15.10
31.0	1.0	1143	1	-----	-----	-----	0.148	9.0	-----	1.83	-----	20.01	15.80
32.0	0.0	1211	1	-----	-----	-----	0.184	10.3	2.58	1.80	-----	19.71	16.30
32.0	2.0	1207	1	10.4	1.3	0.89	0.155	9.5	-----	2.88	19.83	19.78	15.80
32.0	6.0	1203	1	7.2	4.7	0.80	0.138	8.1	-----	3.28	20.17	20.16	15.50
33.0	1.0	1221	1	-----	-----	-----	0.180	12.6	-----	2.86	-----	19.71	16.10
34.0	1.0	1232	1	-----	-----	-----	0.184	12.8	-----	4.17	-----	19.21	15.80
36.0	0.0	1307	1	12.2	7.6	0.82	0.214	14.7	4.78	4.75	-----	17.88	16.10
36.0	2.0	1301	1	-----	-----	-----	0.222	15.3	-----	5.38	18.24	18.23	16.00
36.0	5.0	1257	1	7.3	5.4	0.57	0.217	15.0	-----	5.42	18.35	18.32	16.00

REGRESSION	N	R^2	A	B	Syx
CHL A vs FLUORESCENCE	10	0.80	-3.833	80.868	0.843
EXCOF vs NEPHELOMETRY	6	0.81	1.247	1.180	0.383
SALINITY vs DISCR SALINITY	12	1.00	0.837	1.012	0.042

LOCATION: SOUTH BAY CHANNEL
DATE: 27 MARCH 1984

STATN NUMBR	DEPTH	TIME	TIDE	DISCR CHL A	DISCR PHAEO	CHLA/ A+PHA	FLUOR	CALC CHL A	EXCOF (SD)	CALC EXCOF	DISCR SALIN	SALIN	TEMP
33.0	1.0	843	-1	10.3	2.7	0.79	0.183	10.4	2.58	2.42	20.85	20.85	18.00
31.5	1.0	906	-1	8.0	3.0	0.75	0.168	9.5	-----	2.53	-----	21.14	15.70
30.0	1.0	923	-1	-----	-----	-----	0.150	8.5	2.22	2.35	-----	21.38	15.60
29.0	1.0	944	-1	7.1	1.4	0.83	0.125	8.0	1.76	1.84	21.85	21.87	15.50
27.0	1.0	1003	-1	3.8	0.9	0.81	0.084	4.5	-----	1.27	-----	22.73	15.40
26.0	1.0	1014	-1	-----	-----	-----	0.065	3.4	0.85	0.91	22.08	22.02	15.00
25.0	1.0	1033	-1	2.6	0.6	0.81	0.058	3.0	0.87	0.84	-----	23.18	14.50
24.0	1.0	1041	-1	-----	-----	-----	0.062	3.2	0.82	0.84	-----	23.38	14.50
23.0	1.0	1053	-1	3.8	0.5	0.88	0.078	4.2	1.08	1.08	-----	22.73	15.10
22.0	1.0	1105	-1	-----	-----	-----	0.080	4.3	1.08	1.03	-----	22.68	14.90
21.0	1.0	1115	-1	4.2	0.1	0.98	0.069	3.6	1.13	1.00	23.20	23.21	14.90
21.0	1.0	1144	-1	4.4	0.4	0.91	0.082	4.4	-----	1.00	-----	22.71	15.00
22.0	1.0	1158	-1	-----	-----	-----	0.070	3.7	-----	1.02	-----	23.22	14.90
23.0	1.0	1217	-1	3.1	0.7	0.81	0.048	2.4	-----	0.85	-----	23.32	14.80
24.0	1.0	1228	-1	-----	-----	-----	0.065	3.4	-----	1.03	-----	22.80	14.90
25.0	1.0	1244	-1	2.8	1.7	0.63	-----	-----	-----	1.20	-----	22.75	15.20
26.0	1.0	1301	-1	-----	-----	-----	0.127	7.1	-----	1.84	-----	22.30	15.70
28.0	1.0	1325	-1	-----	-----	-----	0.152	8.6	-----	2.10	-----	21.57	-----
29.0	1.0	1338	-1	10.2	1.8	0.85	0.178	10.2	-----	1.78	-----	21.28	-----
30.0	1.0	1400	-1	-----	-----	-----	0.198	11.2	-----	3.88	-----	20.91	-----
31.0	1.0	1418	-1	13.5	3.2	0.81	0.220	13.2	-----	3.55	19.43	19.43	-----
32.0	1.0	1428	-1	-----	-----	-----	0.198	11.2	-----	8.41	-----	19.17	-----
33.0	1.0	1434	-1	15.0	5.8	0.74	0.231	13.3	-----	4.15	-----	18.61	-----

REGRESSION	N	R^2	A	B	Syx
CHL A vs FLUORESCENCE	10	0.98	-0.517	58.836	0.483
EXCOF vs NEPHELOMETRY	9	0.98	0.498	2.017	0.104
SALINITY vs DISCR SALINITY	5	1.00	-0.117	1.019	0.026

LOCATION: SOUTH BAY CHANNEL
DATE: 4 APRIL 1984

STATN NUMBR	DEPTH	TIME	TIDE	DISCR CHL A	DISCR PHAEO	CHLA/ A+PHA	FLUOR	CALC CHL A	EXCOF (BD)	CALC EXCOF	DISCR SALIN	SALIN	TEMP
30.0	1.0	808	-1	-----	-----	-----	0.174	9.0	-----	4.06	-----	20.80	-----
29.0	1.0	830	-1	-----	-----	-----	0.142	7.2	-----	2.68	-----	21.36	-----
28.0	1.0	841	-1	-----	-----	-----	0.139	7.1	-----	3.37	-----	21.61	-----
27.0	1.0	852	-1	-----	-----	-----	0.133	6.7	-----	2.83	-----	21.84	-----
26.0	1.0	850	-1	-----	-----	-----	0.114	5.7	-----	2.84	-----	22.01	-----
25.0	1.0	915	0	-----	-----	-----	0.098	4.8	-----	1.61	-----	22.61	-----
24.0	1.0	928	1	-----	-----	-----	0.104	5.1	-----	1.33	-----	23.23	-----
23.0	1.0	941	1	-----	-----	-----	0.104	5.1	-----	1.38	-----	23.58	-----
22.0	1.0	957	1	-----	-----	-----	0.078	3.7	-----	1.30	-----	24.37	-----
21.0	2.0	1032	1	3.0	1.3	0.70	0.071	3.3	1.48	1.41	-----	24.33	13.50
21.0	5.0	1027	1	-----	-----	-----	0.070	3.2	-----	1.40	-----	25.11	13.50
21.0	10.0	1023	1	-----	-----	-----	0.070	3.2	-----	2.18	-----	26.01	13.30
21.0	15.0	1018	1	3.5	0.1	0.36	0.103	5.1	-----	3.14	26.22	26.20	13.10
22.0	1.0	1047	1	-----	-----	-----	0.078	3.7	-----	1.25	-----	24.78	15.50
23.0	1.0	1050	1	-----	-----	-----	0.085	4.1	-----	1.26	-----	24.09	15.80
24.0	2.0	1125	1	4.0	0.8	0.86	0.077	3.6	1.15	1.33	23.87	24.00	14.40
24.0	8.0	1118	1	3.7	3.0	0.48	0.080	3.8	-----	2.40	-----	24.69	13.00
25.0	1.0	1142	1	-----	-----	-----	0.101	5.0	-----	1.67	-----	23.78	15.50
26.0	1.0	1155	1	-----	-----	-----	0.101	5.0	-----	1.61	-----	23.06	15.80
27.0	2.0	1222	1	5.6	1.0	0.75	0.103	5.1	1.86	1.89	22.41	22.44	14.80
27.0	10.0	1214	1	5.7	4.0	0.58	0.111	5.5	-----	2.78	-----	22.44	14.80
28.0	1.0	1237	1	-----	-----	-----	0.120	6.0	-----	2.83	-----	22.14	-----
29.0	1.0	1245	1	-----	-----	-----	0.126	6.8	-----	3.57	-----	22.02	-----
30.0	2.0	1310	1	6.3	2.7	0.70	0.128	6.3	2.58	2.36	-----	21.81	15.10
30.0	14.0	1314	1	6.0	6.3	0.48	0.130	7.1	-----	4.21	-----	21.86	15.80
31.0	1.0	1338	1	-----	-----	-----	0.148	7.4	-----	3.82	-----	21.63	-----
32.0	2.0	1355	1	8.1	3.3	0.73	0.187	8.6	2.82	2.87	21.32	21.28	15.30
32.0	7.0	1352	1	8.1	5.4	0.83	0.168	8.7	-----	4.11	-----	21.31	15.20

REGRESSION	N	R^2	A	B	Syx
CHL A vs FLUORESCENCE	18	0.84	-0.845	55.428	0.888
EXCOF vs NEPHELOMETRY	5	0.85	0.858	1.558	0.181
SALINITY vs DISCR SALINITY	4	1.00	-0.855	1.054	0.037

LOCATION: SOUTH BAY CHANNEL
DATE: 10 APRIL 1984

STATN NUMBR	DEPTH	TIME	TIDE	DISCR CHL A	DISCR PHAEO	CHLA/ A+PHA	FLUOR	CALC CHL A	EXCOF (SD)	CALC EXCOF	DISCR SALIN	SALIN	TEMP
32.0	1.0	812	-1	-----	-----	-----	0.120	8.2	1.06	1.03	-----	21.50	-----
32.0	2.0	808	-1	6.2	1.6	0.80	0.116	7.8	-----	1.05	-----	21.56	14.80
32.0	8.0	804	-1	8.0	3.0	0.73	0.126	8.7	-----	2.54	21.88	21.95	14.80
31.0	1.0	823	-1	-----	-----	-----	0.126	8.7	-----	1.67	-----	31.88	-----
30.0	1.0	837	-1	-----	-----	-----	0.157	11.6	-----	0.98	-----	22.14	-----
28.0	1.0	906	-1	-----	-----	-----	0.186	15.4	-----	0.78	-----	22.75	-----
27.0	1.0	916	-1	-----	-----	-----	0.206	18.1	-----	0.76	-----	22.80	-----
26.0	1.0	925	-1	-----	-----	-----	0.212	18.7	-----	0.73	-----	23.12	-----
25.0	1.0	937	-1	-----	-----	-----	0.149	10.0	-----	0.71	-----	23.88	-----
24.0	1.0	947	-1	-----	-----	-----	0.078	4.3	-----	0.89	-----	24.77	-----
23.0	1.0	957	-1	-----	-----	-----	0.083	5.7	-----	0.70	-----	25.27	-----
22.0	1.0	1008	-1	-----	-----	-----	0.086	5.1	-----	0.78	-----	26.02	-----
21.0	1.0	1018	-1	-----	-----	-----	0.103	6.6	-----	0.71	-----	25.01	-----
21.0	2.0	1035	-1	8.3	0.5	0.82	0.101	6.5	0.78	0.71	-----	24.78	13.70
21.0	15.0	1020	-1	4.4	1.0	0.82	0.072	3.8	-----	0.82	25.86	26.00	13.10
22.0	1.0	1058	-1	-----	-----	-----	0.082	4.7	-----	0.74	-----	25.45	-----
23.0	1.0	1118	-1	-----	-----	-----	0.136	9.1	-----	0.85	-----	24.48	-----
24.0	2.0	1140	-1	10.3	2.1	0.83	0.120	8.2	1.01	1.12	-----	24.78	13.80
24.0	7.0	1134	-1	11.4	2.3	0.83	0.131	9.2	-----	1.40	-----	24.71	13.80
25.0	1.0	1150	-1	-----	-----	-----	0.161	12.0	-----	1.23	-----	23.68	-----
26.0	1.0	1217	-1	-----	-----	-----	0.171	12.9	-----	0.84	-----	24.50	-----
27.0	2.0	1240	-1	13.2	1.0	0.87	0.153	11.2	1.18	1.14	-----	22.34	15.00
27.0	8.0	1235	-1	18.6	4.7	0.80	0.183	14.0	-----	2.87	23.82	22.83	14.70
28.0	1.0	1257	-1	-----	-----	-----	0.166	12.5	-----	2.22	-----	21.85	-----
29.0	1.0	1300	-1	-----	-----	-----	0.142	10.2	-----	2.12	-----	21.82	-----
30.0	2.0	1342	-1	6.8	3.2	0.68	0.151	11.1	-----	3.41	-----	20.75	14.80
30.0	12.0	1337	-1	7.8	7.8	0.50	0.169	12.6	-----	7.58	-----	21.28	14.80

REGRESSION	N	R^2	A	B	Syx
CHL A vs FLUORESCENCE	10	0.51	-2.877	83.277	3.118
EXCOF vs NEPHELOMETRY	4	0.88	0.433	2.631	0.004
SALINITY vs DISCR SALINITY	3	1.00	-0.334	1.043	0.183

LOCATION: SOUTH BAY CHANNEL
DATE: 10 APRIL 1984

STATN NUMBR	DEPTH	TIME	TIDE	DISCR CHL A	DISCR PHAEO	CHLA/ A+PHA	FLUOR	CALC CHL A	EXCOF (SD)	CALC EXCOF	DISCR SALIN	SALIN	TEMP
33.0	0.0	725	-1	-----	-----	-----	0.198	15.3	5.85	-----	20.65	20.65	14.70
33.0	1.0	735	-1	-----	-----	-----	0.231	17.0	-----	-----	-----	20.64	-----
33.0	2.0	720	-1	0.0	4.5	0.57	0.190	15.4	-----	-----	-----	20.71	14.70
33.0	5.0	715	-1	-----	-----	-----	0.203	15.6	-----	-----	-----	20.80	14.70
33.0	10.0	710	-1	6.8	0.0	0.50	0.215	16.2	-----	-----	-----	20.82	14.60
32.0	1.0	726	-1	-----	-----	-----	0.215	16.2	-----	-----	-----	20.82	-----
30.0	1.0	750	-1	16.2	13.5	0.55	0.228	16.8	-----	-----	-----	22.19	-----
29.5	1.0	803	-1	-----	-----	-----	0.184	14.6	-----	-----	22.35	22.35	-----
29.0	1.0	815	-1	-----	-----	-----	0.187	14.8	-----	-----	-----	22.65	-----
28.0	1.0	825	-1	-----	-----	-----	0.185	13.7	-----	-----	-----	22.88	-----
27.0	1.0	834	-1	11.1	0.0	0.55	0.155	13.2	-----	-----	-----	23.23	-----
26.0	1.0	843	-1	-----	-----	-----	0.142	12.6	-----	-----	-----	23.98	-----
26.5	1.0	845	-1	-----	-----	-----	0.138	12.3	-----	-----	24.11	24.14	-----
25.0	1.0	856	-1	0.0	4.5	0.00	0.120	11.5	-----	-----	-----	24.82	-----
24.0	1.0	900	-1	-----	-----	-----	0.127	11.8	-----	-----	25.38	25.31	-----
23.0	1.0	920	-1	-----	-----	-----	0.124	11.7	-----	-----	-----	25.85	-----
22.0	1.0	935	-1	12.5	2.3	0.85	0.130	12.5	-----	-----	-----	25.37	-----
21.0	0.0	950	1	-----	-----	-----	0.147	12.0	1.85	-----	-----	25.23	-----
21.0	1.0	944	-1	-----	-----	-----	0.138	12.3	-----	-----	-----	25.57	-----
21.0	1.0	1014	1	-----	-----	-----	0.133	12.1	-----	-----	-----	25.50	-----
21.0	2.0	958	1	16.3	1.8	0.90	0.136	13.3	-----	-----	-----	25.22	14.80
21.0	5.0	953	1	-----	-----	-----	0.134	12.2	-----	-----	-----	25.85	14.10
21.0	10.0	948	1	-----	-----	-----	0.120	11.5	-----	-----	-----	26.06	13.90
21.0	14.0	946	1	12.0	5.5	0.70	0.136	12.3	-----	-----	26.04	26.07	-----
22.0	1.0	1023	1	-----	-----	-----	0.155	13.2	-----	-----	-----	25.25	-----
23.0	1.0	1030	1	13.7	3.0	0.82	0.152	13.1	-----	-----	-----	25.30	-----
25.0	1.0	1057	1	-----	-----	-----	0.123	11.7	-----	-----	-----	24.81	-----
26.0	1.0	1110	1	-----	-----	-----	0.136	12.3	-----	-----	-----	23.78	-----
27.0	1.0	1120	1	-----	-----	-----	0.142	12.6	-----	-----	-----	23.35	-----
28.0	1.0	1128	1	-----	-----	-----	0.152	13.1	-----	-----	-----	23.12	-----
29.0	1.0	1137	1	-----	-----	-----	0.177	14.3	-----	-----	-----	22.93	-----
30.0	1.0	1152	1	-----	-----	-----	0.190	15.4	-----	-----	-----	22.35	-----

REGRESSION	N	R^2	A	B	Syx
CHL A vs FLUORESCENCE	7	0.50	5.577	49.432	1.865
EXCOF vs NEPHELOMETRY	2	0.00	0.000	0.000	0.000
SALINITY vs DISCR SALINITY	5	1.00	-1.120	1.072	0.038

LOCATION: South Bay Channel
DATE: 27 April 1984

STATN NUMBR	DEPTH	TIME	TIDE	DISCR CHL A	DISCR PHAEO	CHLA/ A+PHA	FLUOR	CALC CHL A	EXCOF (SD)	CALC EXCOF	DISCR SALIN	SALIN	TEMP
33.0	1.0	740	1	6.0	2.0	0.77	0.158	-----	2.58	-----	22.80	22.80	14.50
32.0	1.0	758	1	-----	-----	-----	0.155	-----	-----	-----	-----	23.11	-----
31.5	1.0	803	1	-----	-----	-----	0.171	-----	-----	-----	-----	23.12	-----
31.0	1.0	807	1	-----	-----	-----	0.181	-----	-----	-----	-----	23.16	-----
30.0	1.0	824	1	-----	-----	-----	0.155	-----	-----	-----	-----	23.78	-----
29.0	1.0	847	1	6.3	2.0	0.00	0.133	-----	-----	-----	24.00	24.00	-----
28.0	1.0	850	1	-----	-----	-----	0.128	-----	-----	-----	-----	24.19	-----

REGRESSION	N	R^2	A	B	Syx
CHL A vs FLUORESCENCE	1	0.00	0.000	0.000	0.000
EXCOF vs NEPHELOMETRY	1	0.00	0.000	0.000	0.000
SALINITY vs DISCR SALINITY	2	1.00	-0.352	1.016	

LOCATION: South Bay Channel
DATE: 1 May 1984

STATN NUMBR	DEPTH	TIME	TIDE	DISCR CHL A	DISCR PHABO	CHLA/ A+PHA	FLUOR	CALC CHL A	EXCOF (SD)	CALC EXCOF	DISCR SALIN	SALIN	TEMP
30.0	1.0	633	-1	-----	-----	-----	0.130	5.6	-----	3.25	-----	23.21	-----
29.0	1.0	652	-1	-----	-----	-----	0.133	5.3	-----	1.52	-----	23.70	-----
28.0	1.0	701	-1	-----	-----	-----	0.130	5.6	-----	1.54	-----	23.84	-----
27.0	1.0	711	-1	4.3	6.2	0.41	0.142	5.7	-----	1.55	-----	24.21	-----
26.0	1.0	720	-1	-----	-----	-----	0.135	5.4	-----	1.55	-----	24.48	-----
25.0	1.0	732	-1	-----	-----	-----	0.135	5.4	-----	3.07	-----	24.85	-----
23.0	1.0	757	-1	-----	-----	-----	0.102	4.1	-----	1.88	-----	26.41	-----
22.0	1.0	812	-1	-----	-----	-----	0.102	4.1	-----	1.78	-----	26.52	-----
21.0	1.0	827	-1	-----	-----	-----	0.080	3.8	-----	1.87	-----	26.82	-----
21.0	2.0	830	1	3.6	1.0	0.86	0.083	3.8	1.86	1.84	-----	26.87	14.40
21.0	14.0	833	1	3.7	2.7	0.57	0.084	3.8	-----	1.83	27.70	27.62	14.50
22.0	1.0	903	1	-----	-----	-----	0.080	4.8	-----	1.89	-----	26.48	-----
23.0	1.0	915	1	-----	-----	-----	0.114	4.8	-----	1.87	-----	25.80	-----
24.0	0.0	945	1	4.0	1.7	0.70	0.082	3.7	1.81	1.75	-----	26.53	14.50
24.0	1.0	827	1	-----	-----	-----	0.101	4.1	-----	1.78	-----	26.31	-----
24.0	3.0	830	1	3.8	1.6	0.71	0.088	3.6	-----	1.80	-----	26.37	14.50
24.0	6.0	834	1	3.4	2.8	0.55	0.081	3.7	-----	2.08	-----	26.86	14.40
25.0	1.0	1005	1	-----	-----	-----	0.100	4.4	-----	2.36	-----	25.80	-----
26.0	1.0	1015	1	-----	-----	-----	0.127	5.1	-----	2.82	-----	24.80	-----
27.0	0.0	1043	1	4.0	7.5	0.35	0.134	5.4	3.51	3.21	24.46	24.80	15.20
27.0	1.0	1037	1	-----	-----	-----	0.137	5.5	-----	3.44	-----	24.54	15.20
27.0	10.0	1032	1	7.0	5.4	0.57	0.144	5.7	-----	3.78	-----	24.51	15.10
28.0	1.0	1100	1	-----	-----	-----	0.136	5.5	-----	2.80	-----	24.34	-----
29.0	1.0	1108	1	-----	-----	-----	0.142	5.7	-----	3.28	-----	24.28	-----
30.0	0.0	1145	1	6.6	2.8	0.70	0.134	5.4	2.58	2.58	-----	23.80	15.60
30.0	1.5	1141	1	6.1	3.8	0.61	0.140	5.8	-----	2.88	-----	23.88	15.50
30.0	13.0	1132	1	5.8	7.4	0.44	0.150	6.0	-----	3.76	-----	24.00	15.30
32.0	2.0	1235	1	6.1	4.1	0.60	0.141	5.7	2.82	3.23	-----	23.33	15.00
32.0	7.0	1228	1	5.3	5.8	0.48	0.143	5.7	-----	3.45	-----	23.31	15.00
33.0	1.0	1247	1	-----	-----	-----	0.146	5.8	-----	3.00	-----	23.27	-----
34.0	1.0	1258	1	-----	-----	-----	0.138	5.8	-----	3.13	-----	23.08	-----
35.0	1.0	1305	1	-----	-----	-----	0.136	5.4	-----	2.78	-----	22.24	-----
36.0	2.0	1325	1	-----	-----	-----	0.141	5.7	3.13	3.02	21.49	21.42	16.00
36.0	6.0	1320	1	-----	-----	-----	0.134	5.4	-----	2.87	-----	21.50	16.40

REGRESSION	N	R^2	A	B	Syx
CHL A vs FLUORESCENCE	13	0.00	0.144	30.015	0.049
EXCOF vs NEPHELOMETRY	8	0.00	1.354	0.004	0.275
SALINITY vs DISCR SALINITY	3	1.00	-1.578	1.073	0.174

LOCATION: SOUTH BAY CHANNEL
DATE: 8 MAY 1984

STATN NUMBR	DEPTH	TIME	TIDE	DISCR CHL A	DISCR PHAEO	CHLA/ A+PHA	FLUOR	CALC CHL A	EXCOF (SD)	CALC EXCOF	DISCR SALIN	SALIN	TEMP
32.0	0.0	803	-1	-----	-----	-----	0.087	3.5	1.48	1.48	-----	23.50	17.00
32.0	1.0	747	-1	-----	-----	-----	0.087	4.4	-----	1.42	-----	23.63	17.20
32.0	2.0	801	-1	2.2	0.8	0.73	0.086	3.4	-----	1.56	-----	23.56	16.90
32.0	8.0	755	-1	3.2	1.2	0.73	0.090	3.8	-----	1.08	23.87	23.90	16.70
31.0	1.0	818	-1	-----	-----	-----	0.111	5.5	-----	1.35	-----	23.83	-----
30.0	0.0	847	-1	-----	-----	-----	0.091	3.9	1.31	1.23	-----	23.91	16.80
30.0	1.0	833	-1	-----	-----	-----	0.111	5.5	-----	1.30	-----	24.34	-----
30.0	2.0	843	-1	5.2	1.0	0.84	0.108	5.4	-----	1.28	-----	24.23	16.50
30.0	11.0	837	-1	3.4	1.5	0.80	0.088	3.6	-----	1.63	24.80	24.83	16.50
29.0	1.0	812	-1	-----	-----	-----	0.118	6.1	-----	1.17	-----	24.84	-----
28.0	1.0	822	-1	-----	-----	-----	0.133	7.4	-----	1.08	-----	25.51	-----
27.0	0.0	850	-1	-----	-----	-----	0.121	6.4	1.01	1.08	-----	25.68	16.70
27.0	1.0	890	-1	-----	-----	-----	0.155	8.3	-----	1.05	-----	25.78	-----
27.0	2.0	845	-1	7.0	1.4	0.83	0.120	6.3	-----	1.05	-----	25.71	16.80
27.0	5.0	941	-1	-----	-----	-----	0.070	2.8	-----	1.10	-----	26.78	15.80
27.0	11.0	936	-1	2.5	1.8	0.58	0.071	2.1	-----	1.47	27.36	27.44	15.30
26.0	1.0	1004	-1	-----	-----	-----	0.134	7.5	-----	1.05	-----	25.82	-----
25.0	1.0	1016	-1	-----	-----	-----	0.085	4.2	-----	1.05	-----	26.84	-----
24.0	0.0	1046	-1	-----	-----	-----	0.072	2.2	1.24	1.18	-----	27.58	15.30
24.0	1.0	1028	-1	-----	-----	-----	0.079	2.8	-----	1.19	-----	27.54	-----
24.0	2.0	1041	-1	3.3	1.1	0.78	0.076	2.6	-----	1.23	-----	27.58	15.30
24.0	8.0	1034	-1	2.8	1.8	0.65	0.073	2.3	-----	1.40	-----	27.81	15.00
23.0	1.0	1103	-1	-----	-----	-----	0.078	2.8	-----	1.27	-----	27.70	-----
22.0	1.0	1115	-1	-----	-----	-----	0.087	3.5	-----	1.44	-----	27.20	-----
21.0	0.0	1148	-1	-----	-----	-----	0.073	2.3	1.24	1.32	-----	27.68	16.00
21.0	1.0	1125	-1	-----	-----	-----	0.078	2.8	-----	1.37	-----	27.21	-----
21.0	2.0	1143	-1	2.8	1.4	0.65	0.078	2.8	-----	1.35	-----	27.64	15.90
21.0	5.0	1138	-1	-----	-----	-----	0.106	5.1	-----	1.20	-----	27.18	15.80
21.0	13.0	1132	-1	-----	-----	-----	0.075	2.5	-----	1.87	28.48	28.43	14.40
22.0	1.0	1210	-1	-----	-----	-----	0.077	3.6	-----	1.32	-----	27.88	-----
23.0	1.0	1225	-1	-----	-----	-----	0.080	2.9	-----	1.25	-----	27.70	-----
24.0	1.0	1240	-1	-----	-----	-----	0.101	4.7	-----	1.36	-----	27.19	-----
25.0	1.0	1255	-1	-----	-----	-----	0.104	5.0	-----	1.32	-----	25.98	-----
26.0	1.0	1313	-1	-----	-----	-----	0.105	5.1	-----	1.54	-----	25.00	-----
27.0	1.0	1328	-1	-----	-----	-----	0.105	5.1	-----	2.05	-----	24.71	-----
28.0	1.0	1336	-1	-----	-----	-----	0.110	6.2	-----	1.84	-----	24.37	-----
29.0	1.0	1347	-1	-----	-----	-----	0.108	5.3	-----	1.80	-----	23.85	-----

REGRESSION	N	R^2	A	B	Syx
CHL A vs FLUORESCENCE	9	0.82	-3.942	85.657	0.714
EXCOF vs NEPHELOMETRY	5	0.85	0.552	2.478	0.078
SALINITY vs DISCR SALINITY	4	1.00	0.025	1.006	0.074

LOCATION: South Bay Channel
DATE: 17 May 1984

STATN NUMBR	DEPTH	TIME	TIDE	DISCR CHL A	DISCR PHAEO	CHLA/ A+PHA	FLUOR	CALC CHL A	EXCOF (SD)	CALC EXCOF	DISCR SALIN	SALIN	TEMP
33.0	1.0	725	-1	2.6	5.1	0.34	0.120	3.9	3.51	3.51	23.68	23.65	17.10
32.0	1.0	728	-1	-----	-----	-----	0.117	3.8	-----	3.42	-----	23.81	-----
31.0	1.0	737	-1	-----	-----	-----	0.117	3.8	-----	3.51	-----	24.15	-----
30.0	1.0	748	-1	3.2	8.1	0.34	0.136	3.3	-----	4.38	-----	24.87	-----
29.0	1.0	807	-1	-----	-----	-----	0.142	3.4	-----	4.98	-----	25.35	-----
28.0	1.0	817	-1	-----	-----	-----	0.119	3.8	-----	3.80	25.55	25.58	-----
27.0	1.0	826	-1	-----	-----	-----	0.116	2.8	-----	3.81	-----	25.85	-----
26.0	1.0	834	-1	-----	-----	-----	0.118	3.0	-----	3.90	-----	26.23	-----
25.0	1.0	847	-1	-----	-----	-----	0.104	2.8	-----	3.24	-----	26.63	-----
24.0	1.0	900	-1	-----	-----	-----	0.088	2.5	-----	2.32	-----	27.61	-----
23.0	1.0	914	-1	2.3	1.8	0.56	0.082	2.4	-----	1.82	28.02	28.00	-----
22.0	1.0	928	-1	-----	-----	-----	0.085	2.5	-----	1.98	-----	28.08	-----
21.0	1.0	937	-1	2.8	3.2	0.48	0.082	3.8	2.22	2.22	-----	28.34	-----
21.0	1.0	948	-1	-----	-----	-----	0.082	2.8	-----	1.87	-----	27.52	17.00
22.9	1.0	958	0	-----	-----	-----	0.080	2.5	-----	2.06	-----	27.20	-----
23.0	1.0	1013	0	-----	-----	-----	0.078	2.3	-----	1.84	-----	28.03	-----
24.0	1.0	1024	0	2.2	2.4	0.48	0.081	2.4	-----	1.88	-----	27.83	-----
25.0	1.0	1035	0	-----	-----	-----	0.087	2.5	-----	2.22	-----	27.87	-----
26.0	1.0	1051	0	-----	-----	-----	0.101	2.7	-----	2.82	-----	26.24	-----
27.0	1.0	1058	0	-----	-----	-----	0.101	2.7	-----	2.78	-----	25.87	-----
28.0	1.0	1108	0	-----	-----	-----	0.101	2.7	-----	2.81	-----	25.87	-----
29.0	1.0	1118	0	-----	-----	-----	0.101	2.7	-----	3.84	-----	25.57	-----
30.0	1.0	1132	0	-----	-----	-----	0.101	2.7	-----	2.58	-----	24.88	-----
31.0	1.0	1146	0	-----	-----	-----	0.105	2.8	-----	2.31	-----	24.52	-----
32.0	1.0	1153	0	-----	-----	-----	0.100	2.8	-----	2.34	-----	24.18	-----
33.0	1.0	1158	0	-----	-----	-----	0.106	2.8	-----	2.87	-----	23.80	17.50

REGRESSION	N	R^2	A	B	Syx
CHL A vs FLUORESCENCE	4	0.80	1.130	15.652	0.251
EXCOF vs BEVERLOMETRY	2	1.00	1.985	0.881	
SALINITY vs DISCR SALINITY	3	1.00	-2.442	1.107	0.049

LOCATION: SOUTH BAY CHANNEL
DATE: 25 MAY 1984

STATN NUMBR	DEPTH	TIME	TIDE	DISCR CHL A	DISCR PHAEO	CHLA/ A+PHA	FLUOR	CALC CHL A	EXCOF (SD)	CALC EXCOF	DISCR SALIN	SALIN	TEMP
33.0	1.0	650	1	-----	-----	-----	0.104	3.5	-----	1.80	24.76	24.80	-----
32.0	1.0	706	1	2.5	2.0	0.56	0.082	2.8	-----	3.17	26.02	26.04	-----
31.0	1.0	716	1	-----	-----	-----	0.098	3.2	-----	2.00	-----	26.18	-----
30.0	1.0	733	1	2.1	0.8	0.71	0.078	2.1	-----	1.62	-----	26.32	-----
29.0	1.0	756	1	-----	-----	-----	0.076	2.0	-----	1.33	-----	26.91	-----
28.0	1.0	809	1	-----	-----	-----	0.082	2.3	-----	1.16	-----	27.25	-----
27.0	1.0	820	1	1.8	0.7	0.72	0.079	2.1	-----	1.05	27.87	27.96	-----
26.0	1.0	831	1	-----	-----	-----	0.073	1.8	-----	1.10	-----	28.48	-----
25.0	1.0	847	1	-----	-----	-----	0.073	1.8	-----	1.12	-----	28.64	-----
24.0	1.0	902	1	2.6	1.1	0.70	0.084	2.4	-----	1.02	-----	28.27	-----
23.0	1.0	914	1	-----	-----	-----	0.082	2.6	-----	1.05	-----	27.81	-----
22.0	1.0	930	1	-----	-----	-----	0.101	3.4	-----	1.18	-----	28.88	-----
21.0	0.0	1012	0	-----	-----	-----	0.084	2.4	1.04	1.17	-----	28.20	15.90
21.0	1.0	938	1	3.0	1.2	0.71	0.085	2.5	-----	1.14	28.25	28.03	-----
21.0	2.0	1008	0	-----	-----	-----	0.083	2.9	-----	1.29	-----	28.37	15.40
21.0	5.0	1005	0	-----	-----	-----	0.088	2.6	-----	1.38	-----	29.00	15.20
21.0	10.0	1001	0	-----	-----	-----	0.087	2.6	-----	1.55	-----	30.38	13.50
21.0	14.0	957	0	-----	-----	-----	0.102	3.4	-----	2.05	30.83	30.89	13.40
23.0	1.0	1045	-1	-----	-----	-----	0.088	2.6	-----	1.10	-----	28.23	-----
24.0	0.0	1113	-1	-----	-----	-----	0.078	2.1	0.87	1.03	-----	28.14	17.10
24.0	2.0	1110	-1	-----	-----	-----	0.075	1.9	-----	1.05	-----	28.75	15.90
24.0	5.0	1105	-1	-----	-----	-----	0.073	1.8	-----	1.15	-----	28.98	15.50
24.0	8.0	1101	-1	-----	-----	-----	0.072	1.7	-----	1.24	-----	29.01	15.50
25.0	0.0	1131	-1	-----	-----	-----	0.080	2.2	-----	1.02	-----	28.29	-----
26.0	1.0	1147	-1	-----	-----	-----	0.076	2.0	-----	0.84	-----	28.31	-----
27.0	0.0	1218	-1	-----	-----	-----	0.063	1.2	1.13	1.01	-----	27.70	17.30
27.0	2.0	1215	-1	-----	-----	-----	0.064	1.3	-----	1.01	-----	27.71	17.20
27.0	5.0	1212	-1	-----	-----	-----	0.064	1.3	-----	1.01	-----	28.43	16.30
27.0	8.0	1204	-1	-----	-----	-----	0.057	0.9	-----	1.02	-----	28.38	16.20
28.0	1.0	1237	-1	-----	-----	-----	0.086	2.5	-----	1.07	-----	27.45	-----
29.0	1.0	1248	-1	-----	-----	-----	0.075	1.9	-----	1.24	-----	26.91	-----
30.0	2.0	1332	-1	-----	-----	-----	0.083	2.3	1.55	1.58	-----	26.43	18.30
30.0	5.0	1329	-1	-----	-----	-----	0.071	1.7	-----	1.67	-----	26.47	17.90
30.0	10.0	1323	-1	-----	-----	-----	0.070	1.6	-----	1.87	-----	26.59	17.60
30.0	13.0	1318	-1	-----	-----	-----	0.072	1.8	-----	1.79	-----	26.64	17.50
31.0	1.0	1356	-1	-----	-----	-----	0.102	3.4	-----	1.86	-----	26.00	-----
32.0	2.0	1421	-1	-----	-----	-----	0.102	3.4	2.22	2.05	-----	25.33	18.90
32.0	5.0	1418	-1	-----	-----	-----	0.078	2.1	-----	2.30	-----	25.70	18.50
32.0	8.0	1415	-1	-----	-----	-----	0.088	2.6	-----	3.73	-----	25.87	18.10
33.0	1.0	1435	-1	-----	-----	-----	0.104	3.5	-----	2.73	-----	24.77	-----
34.0	1.0	1448	-1	-----	-----	-----	0.116	4.2	-----	3.31	-----	23.48	-----
36.0	1.0	1517	-1	-----	-----	-----	0.234	10.6	2.58	2.66	-----	19.33	-----
36.0	1.0	1529	-1	-----	-----	-----	0.188	8.7	-----	3.68	-----	19.97	-----
35.0	1.0	1534	-1	-----	-----	-----	0.155	6.3	-----	3.38	-----	21.20	-----
34.0	1.0	1548	-1	-----	-----	-----	0.134	5.2	-----	2.87	-----	22.82	-----
33.0	1.0	1553	-1	-----	-----	-----	0.118	4.3	-----	2.63	-----	23.90	-----

DATE: 25 MAY 1994

STATN NUMBR	DEPTH	TIME	TIDE	DISCR CHL A	DISCR PHAEO	CHLA/ A+PHA	FLUOR	CALC CHL A	EXCOF (SD)	CALC EXCOF	DISCR SALIN	SALIN	TEMP
32.0	1.0	1550	-1	-----	-----	-----	0.104	3.5	-----	2.08	-----	24.63	-----
31.0	1.0	1808	-1	-----	-----	-----	0.110	3.8	-----	2.07	-----	25.37	-----
30.0	1.0	1623	-1	-----	-----	-----	0.103	3.5	-----	1.84	-----	26.06	-----

REGRESSION	N	R^2	A	B	Syx
CHL A vs FLUORESCENCE	5	0.38	-2.188	54.783	0.422
EXCOF vs NEPHELOMETRY	6	0.97	0.544	2.914	0.132
SALINITY vs DISCR SALINITY	5	1.00	0.055	1.013	0.142

LOCATION: SOUTH BAY CHANNEL
DATE: 31 MAY 1984

STATN NUMBR	DEPTH	TIME	TIDE	DISCR CHL A	DISCR PHAEO	CHLA/ A+PHA	FLUOR	CALC CHL A	EXCOF (SD)	CALC EXCOF	DISCR SALIN	SALIN	TEMP
33.0	1.0	718	-1	3.6	1.7	0.68	0.114	3.2	-----	-----	24.52	24.52	-----
32.0	1.0	722	-1	-----	-----	-----	0.098	2.6	-----	-----	-----	24.96	-----
31.0	1.0	730	-1	2.2	2.0	0.52	0.095	2.5	-----	-----	-----	25.52	-----
30.0	1.0	743	-1	-----	-----	-----	0.101	2.8	-----	-----	26.18	26.21	-----
29.0	1.0	802	-1	2.2	1.3	0.64	0.085	2.2	-----	-----	-----	26.54	-----
28.0	1.0	812	-1	-----	-----	-----	0.076	1.9	-----	-----	-----	26.86	-----
27.0	1.0	822	-1	-----	-----	-----	0.070	1.7	-----	-----	-----	27.13	-----
26.0	1.0	832	-1	-----	-----	-----	0.051	1.1	-----	-----	-----	27.71	-----
25.0	1.0	846	-1	-----	-----	-----	0.055	1.2	-----	-----	-----	28.23	-----
24.5	1.0	850	-1	1.5	0.8	0.64	0.075	1.9	-----	-----	28.28	28.29	-----
24.0	1.0	900	-1	-----	-----	-----	0.064	1.5	-----	-----	-----	28.35	-----
23.0	1.0	915	1	-----	-----	-----	0.072	1.8	-----	-----	-----	28.43	-----
22.0	1.0	930	1	-----	-----	-----	0.082	2.1	-----	-----	-----	-----	-----
21.0	1.0	942	1	3.1	1.1	0.74	0.085	2.2	-----	-----	28.92	28.92	-----
21.0	1.0	1004	1	-----	-----	-----	0.092	2.4	-----	-----	28.88	28.90	-----
22.0	1.0	1011	1	-----	-----	-----	0.101	2.8	-----	-----	-----	28.41	-----
23.0	1.0	1023	1	-----	-----	-----	0.073	1.8	-----	-----	-----	27.88	-----
24.0	1.0	1033	1	-----	-----	-----	0.107	2.9	-----	-----	-----	27.96	-----
24.5	1.0	1035	1	-----	-----	-----	-----	-----	-----	-----	28.38	28.40	-----
25.0	1.0	1043	1	-----	-----	-----	0.068	1.6	-----	-----	-----	28.38	-----
26.0	1.0	1058	1	-----	-----	-----	0.073	1.8	-----	-----	-----	28.01	-----
27.0	1.0	1104	1	-----	-----	-----	0.071	1.8	-----	-----	-----	27.75	-----
27.5	1.0	1107	1	-----	-----	-----	-----	-----	-----	-----	27.75	27.87	-----
28.0	1.0	1112	1	-----	-----	-----	0.068	1.6	-----	-----	-----	27.44	-----
29.0	1.0	1121	1	-----	-----	-----	0.067	1.6	-----	-----	-----	27.25	-----
30.0	1.0	1138	1	-----	-----	-----	0.085	2.2	-----	-----	-----	26.68	-----
31.0	1.0	1152	1	2.6	1.4	0.65	0.098	2.6	-----	-----	-----	26.41	-----
33.0	1.0	1201	1	4.0	1.4	0.74	0.111	3.1	-----	-----	26.05	26.06	-----

REGRESSION	N	R^2	A	B	Syx
CHL A vs FLUORESCENCE	5	0.26	-0.612	33.202	0.584
EXCOF vs NEPHELOMETRY	0	0.00	0.000	0.000	0.000
SALINITY vs DISCR SALINITY	8	1.00	-1.319	1.058	0.037

LOCATION: SOUTH BAY CHANNEL
DATE: 11 June 1984

STATN NUMBR	DEPTH	TIME	TIDE	DISCR CHL A	DISCR PHAEO	CHLA/ A+PHA	FLUOR	CALC CHL A	EXCOF (SD)	CALC EXCOF	DISCR SALIN	SALIN	TEMP
26.0	1.0	810	1	-----	-----	-----	0.070	1.5	-----	1.54	-----	27.65	-----
27.0	1.0	823	1	-----	-----	-----	0.072	1.7	-----	2.27	-----	27.83	-----
28.0	1.0	835	1	-----	-----	-----	0.068	1.4	-----	1.82	-----	28.11	-----
25.0	1.0	851	1	-----	-----	-----	0.071	1.6	-----	1.73	-----	28.86	-----
24.0	1.0	909	1	-----	-----	-----	0.085	2.6	-----	1.06	-----	28.96	-----
23.0	1.0	926	1	-----	-----	-----	0.085	2.7	-----	1.69	-----	29.24	-----
22.0	1.0	943	1	-----	-----	-----	0.104	4.0	-----	1.52	-----	29.52	-----
21.0	0.0	1012	1	-----	-----	-----	0.084	2.5	1.49	1.53	-----	29.54	15.80
21.0	2.0	1009	1	2.3	2.3	0.50	0.091	3.1	-----	1.63	29.62	29.63	-----
21.0	12.0	1002	1	3.8	5.0	0.43	0.103	4.0	-----	2.66	30.11	30.02	15.10
22.0	1.0	1028	1	-----	-----	-----	0.104	4.1	-----	1.77	-----	29.53	-----
23.0	1.0	1039	1	-----	-----	-----	0.085	3.4	-----	1.39	-----	29.53	-----
24.0	0.0	1106	1	-----	-----	-----	0.082	2.5	1.39	1.57	-----	29.77	16.10
24.0	2.0	1101	1	2.7	2.5	0.52	0.085	2.6	-----	1.81	-----	29.73	16.00
24.0	8.0	1056	1	3.1	3.6	0.46	0.087	2.8	-----	2.83	-----	29.70	13.70
26.0	1.0	1143	1	-----	-----	-----	0.067	1.3	-----	1.30	-----	29.15	-----
27.0	0.0	1206	1	-----	-----	-----	0.081	0.9	1.18	1.20	-----	28.78	17.60
27.0	2.0	1202	1	1.5	0.9	0.63	0.071	1.6	-----	1.36	-----	28.78	17.60
27.0	12.5	1156	1	1.2	2.0	0.38	0.072	1.7	-----	1.55	28.80	29.01	-----
28.0	1.0	1222	1	-----	-----	-----	0.071	1.6	-----	1.32	-----	28.44	-----
29.0	1.0	1239	1	-----	-----	-----	0.071	1.6	-----	1.61	-----	28.08	-----
30.0	0.0	1309	1	-----	-----	-----	0.070	1.6	1.31	1.30	-----	27.72	18.40
30.0	2.0	1304	1	2.3	0.4	0.84	0.070	1.6	-----	1.35	-----	27.71	18.30
30.0	14.0	1300	1	1.6	1.3	0.55	0.071	1.6	-----	1.64	-----	27.75	18.20
31.0	1.0	1330	1	-----	-----	-----	0.072	1.7	-----	1.66	-----	27.67	-----
32.0	0.0	1358	-1	-----	-----	-----	0.078	2.0	1.76	1.54	-----	27.47	18.70
32.0	2.0	1352	-1	1.0	0.8	0.70	0.080	2.3	-----	1.58	27.48	27.48	18.60
32.0	11.0	1348	-1	1.8	1.4	0.56	0.076	2.0	-----	2.85	27.54	27.51	18.30

REGRESSION	N	R^2	A	B	Syx
CHL A vs FLUORESCENCE	10	0.85	-3.823	73.817	0.356
EXCOF vs NEPHELOMETRY	5	0.57	0.239	2.928	0.167
SALINITY vs DISCR SALINITY	5	1.00	2.172	0.937	0.085

LOCATION: SOUTH BAY CHANNEL
DATE: 3 JULY 1984

STATN NUMBR	DEPTH	TIME	TIDE	DISCR CHL A	DISCR PHAEO	CHLA/ A+PHA	FLUOR	CALC CHL A	EXCOF (SD)	CALC EXCOF	DISCR SALIN	SALIN	TEMP
30.0	1.0	733	-1	-----	-----	-----	0.073	1.8	-----	1.29	-----	28.23	-----
29.0	1.0	753	-1	-----	-----	-----	0.060	1.4	-----	2.08	-----	28.24	-----
28.0	1.0	802	-1	-----	-----	-----	0.057	1.3	-----	1.74	-----	28.70	-----
27.0	1.0	811	-1	-----	-----	-----	0.061	1.4	-----	1.50	-----	28.88	-----
26.0	1.0	819	-1	-----	-----	-----	0.061	1.4	-----	1.50	-----	29.25	-----
25.0	1.0	832	-1	-----	-----	-----	0.057	1.3	-----	1.34	-----	29.29	-----
24.0	1.0	845	-1	-----	-----	-----	0.049	1.1	-----	1.50	-----	29.34	-----
23.0	1.0	854	-1	-----	-----	-----	0.056	1.2	-----	1.56	-----	27.07	-----
22.0	1.0	908	-1	-----	-----	-----	0.054	1.2	-----	1.53	-----	29.58	-----
21.0	0.0	936	-1	-----	-----	-----	0.058	1.3	1.02	1.08	-----	30.02	18.00
21.0	2.0	932	-1	1.4	0.8	0.80	0.057	1.3	-----	1.29	30.01	30.05	18.00
21.0	14.0	929	-1	1.3	1.3	0.50	0.056	1.3	-----	1.50	30.03	29.82	17.90
22.0	1.0	951	-1	-----	-----	-----	0.052	1.1	-----	1.10	-----	29.13	-----
23.0	1.0	1015	-1	-----	-----	-----	0.049	1.0	-----	1.07	-----	28.44	-----
24.0	0.0	1042	-1	-----	-----	-----	0.050	1.1	0.82	0.86	-----	29.[illegible]	20.30
24.0	2.0	1037	-1	1.2	0.6	0.65	0.052	1.1	-----	1.03	29.47	29.54	20.30
24.0	5.0	1035	-1	-----	-----	-----	0.050	1.1	-----	1.14	-----	29.08	20.20
24.0	7.0	1030	-1	1.0	0.8	0.50	0.048	1.0	-----	1.24	29.49	29.50	20.20
25.0	1.0	1102	-1	-----	-----	-----	0.060	1.4	-----	1.33	-----	28.63	18.50
26.0	1.0	1118	-1	-----	-----	-----	0.058	1.3	-----	1.24	-----	29.32	-----
27.0	0.0	1142	0	-----	-----	-----	0.057	1.3	1.27	1.13	-----	28.77	21.50
27.0	2.0	1138	0	1.2	1.2	0.50	0.061	1.4	-----	1.28	-----	28.74	21.10
27.0	10.0	1133	0	1.0	1.1	0.48	0.052	1.2	-----	1.84	-----	28.75	-----
28.0	1.0	1150	1	-----	-----	-----	0.058	1.3	-----	1.37	-----	27.73	-----
29.0	1.0	1211	1	-----	-----	-----	0.060	1.4	-----	1.57	-----	27.85	-----
30.0	0.0	1251	1	-----	-----	-----	0.074	1.8	1.31	1.38	-----	28.08	22.30
30.0	2.0	1244	1	1.8	0.7	0.74	0.064	1.5	-----	1.80	-----	28.01	21.90
30.0	10.0	1236	1	1.3	2.7	0.33	0.074	1.8	-----	3.46	-----	28.34	21.80
31.0	1.0	1312	1	-----	-----	-----	0.078	1.9	-----	1.86	-----	27.29	-----
32.0	0.0	1344	1	-----	-----	-----	0.088	2.3	1.61	1.50	-----	27.36	23.20
32.0	2.0	1337	1	2.8	0.8	0.75	0.080	2.0	-----	1.70	27.28	27.31	22.70
32.0	5.0	1332	1	-----	-----	-----	0.067	1.6	-----	1.01	-----	27.47	22.30
32.0	10.0	1328	1	1.8	2.0	0.38	0.087	2.2	-----	4.08	27.71	27.68	22.40

REGRESSION	N	R^2	A	B	Syx
CHL A vs FLUORESCENCE	10	0.56	-0.470	30.082	0.384
EXCOF vs NEPHELOMETRY	5	0.80	0.477	2.875	0.101
SALINITY vs DISCR SALINITY	6	1.00	-2.072	1.080	0.073

LOCATION: South Bay Channel
DATE: 25 July 1984

STATN NUMBR	DEPTH	TIME	TIDE	DISCR CHL A	DISCR PHAEO	CHLA/ A+PHA	FLUOR	CALC CHL A	EXCOF (SD)	CALC EXCOF	DISCR SALIN	SALIN	TEMP
32.0	1.0	757	1	-----	-----	-----	0.163	6.5	-----	1.83	-----	27.87	21.00
31.0	1.0	809	1	-----	-----	-----	0.134	4.8	-----	2.41	-----	28.58	21.10
30.0	1.0	827	1	-----	-----	-----	0.144	5.5	-----	1.45	-----	29.08	21.40
29.0	1.0	852	1	-----	-----	-----	0.105	3.3	-----	2.67	-----	30.02	21.70
28.0	1.0	906	1	-----	-----	-----	0.082	2.6	-----	1.32	-----	30.01	21.80
27.0	1.0	918	1	1.8	0.8	0.68	0.082	2.0	-----	1.80	-----	30.02	21.50
26.0	1.0	930	1	-----	-----	-----	0.082	2.6	-----	1.46	-----	30.13	21.20
25.0	1.0	948	1	-----	-----	-----	0.088	2.4	-----	0.80	-----	30.53	20.20
24.0	1.0	1001	1	-----	-----	-----	0.121	4.2	-----	0.30	-----	30.62	18.30
23.0	1.0	1015	1	-----	-----	-----	0.121	4.2	-----	0.05	-----	30.41	18.50
22.0	1.0	1034	1	-----	-----	-----	0.133	4.8	-----	1.10	-----	30.05	18.00
21.0	1.0	1048	1	3.5	1.3	0.72	0.088	2.8	-----	1.30	-----	30.44	17.80
21.0	1.0	1112	1	-----	-----	-----	0.107	3.4	-----	1.08	30.05	30.04	17.90
22.0	1.0	1124	1	-----	-----	-----	0.080	2.5	-----	1.33	-----	30.51	17.80
23.0	1.0	1137	1	-----	-----	-----	0.101	3.1	-----	1.10	-----	30.01	18.30
24.0	1.0	1207	1	3.1	1.7	0.65	0.101	3.1	0.07	1.08	30.55	30.54	18.70
25.0	1.0	1220	1	-----	-----	-----	0.101	3.1	-----	0.80	-----	30.67	19.80
26.0	1.0	1234	1	-----	-----	-----	0.078	1.7	-----	0.76	-----	30.54	20.40
27.0	1.0	1250	0	-----	-----	-----	0.070	1.8	0.08	0.83	30.22	30.24	20.80
28.0	1.0	1307	0	-----	-----	-----	0.082	2.6	-----	1.01	-----	30.00	21.50
29.0	1.0	1317	-1	-----	-----	-----	0.085	2.2	-----	1.87	-----	29.98	21.80
30.0	1.0	1347	-1	3.0	1.1	0.73	0.108	3.4	1.48	1.48	29.83	29.82	21.90

REGRESSION	N	R^2	A	B	Syx
CHL A vs FLUORESCENCE	4	0.85	-2.540	55.861	0.537
EXCOF vs NEPHELOMETRY	3	0.85	-0.314	7.100	0.102
SALINITY vs DISCR SALINITY	4	1.00	-2.124	1.084	0.010

LOCATION: SOUTH BAY CHANNEL
DATE: 7 AUGUST 1984

STATN NUMBR	DEPTH	TIME	TIDE	DISCR CHL A	DISCR PHAEO	CHLA/ A+PHA	FLUOR	CALC CHL A	EXCOF (SD)	CALC EXCOF	DISCR SALIN	SALIN	TEMP
30.0	1.0	729	1	-----	-----	-----	0.188	5.5	-----	1.27	-----	30.02	21.20
29.0	1.0	754	1	-----	-----	-----	0.185	5.4	-----	1.24	-----	30.12	20.80
28.0	1.0	808	1	-----	-----	-----	0.133	4.2	-----	1.06	-----	30.12	20.50
27.0	1.0	820	1	-----	-----	-----	0.098	2.9	-----	1.23	-----	30.27	20.00
26.0	1.0	832	1	-----	-----	-----	0.085	2.4	-----	1.08	-----	30.53	19.80
25.0	1.0	849	1	-----	-----	-----	0.127	4.0	-----	1.10	-----	30.44	19.60
24.0	1.0	905	1	-----	-----	-----	0.133	4.2	-----	1.07	-----	30.25	19.40
23.0	1.0	918	1	-----	-----	-----	0.108	3.2	-----	1.07	-----	30.04	18.80
22.0	1.0	938	1	-----	-----	-----	0.085	2.4	-----	1.18	-----	29.52	17.80
21.0	0.0	1025	1	-----	-----	-----	0.084	2.4	1.04	1.11	-----	29.83	-----
21.0	1.0	951	1	-----	-----	-----	0.082	2.3	-----	1.15	-----	30.16	17.30
21.0	2.0	1018	1	2.8	1.8	0.74	0.087	2.5	-----	1.11	-----	30.06	-----
21.0	5.0	1016	1	-----	-----	-----	0.078	2.2	-----	1.11	-----	30.43	-----
21.0	10.0	1010	1	-----	-----	-----	0.072	1.9	-----	1.35	-----	30.82	-----
21.0	15.0	1005	1	2.5	1.4	0.64	0.072	1.9	-----	1.25	30.81	30.81	-----
22.0	1.0	1043	1	-----	-----	-----	0.078	2.2	-----	1.07	-----	30.30	17.40
23.0	1.0	1100	1	-----	-----	-----	0.085	2.4	-----	1.03	-----	29.87	18.10
24.0	0.0	1122	1	-----	-----	-----	0.085	2.4	0.82	0.83	-----	30.11	-----
24.0	2.0	1118	1	2.8	1.2	0.70	0.080	2.6	-----	0.87	-----	30.13	-----
24.0	8.0	1114	1	2.8	1.2	0.68	0.078	2.2	-----	1.08	-----	30.16	-----
25.0	1.0	1141	1	-----	-----	-----	0.148	4.8	-----	0.83	-----	30.50	20.10
26.0	1.0	1155	1	-----	-----	-----	0.108	3.2	-----	0.83	-----	30.64	19.80
27.0	0.0	1222	0	-----	-----	-----	0.078	1.9	0.76	0.75	-----	30.76	-----
27.0	2.0	1217	0	1.8	0.8	0.68	0.082	2.6	-----	0.80	-----	30.75	-----
27.0	11.0	1212	0	1.3	1.0	0.58	0.068	1.6	-----	0.90	-----	30.79	-----
29.0	1.0	1236	-1	-----	-----	-----	0.082	2.6	-----	0.85	-----	30.64	20.00
29.0	1.0	1247	-1	-----	-----	-----	0.082	2.6	-----	0.87	-----	30.47	20.40
30.0	0.0	1328	-1	-----	-----	-----	0.148	4.8	0.87	0.85	-----	30.35	-----
30.0	2.0	1324	-1	4.1	1.8	0.71	0.148	4.7	-----	0.88	-----	30.34	-----
30.0	10.0	1318	-1	3.3	1.1	0.75	0.108	3.2	-----	0.87	-----	30.35	-----
31.0	1.0	1347	-1	-----	-----	-----	0.215	7.3	-----	1.15	-----	30.25	21.70
32.0	0.0	1408	-1	-----	-----	-----	0.208	6.8	1.31	1.28	30.00	30.00	-----
32.0	2.0	1404	-1	7.8	1.8	0.80	0.214	7.2	-----	1.31	-----	30.11	-----
32.0	10.0	1400	-1	3.5	1.7	0.68	0.130	4.1	-----	1.34	-----	30.18	-----

REGRESSION	N	R^2	A	B	Syx
CHL A vs FLUORESCENCE	10	0.91	-0.824	37.788	0.588
EXCOF vs NEPHELOMETRY	5	0.95	0.358	3.319	0.053
SALINITY vs DISCR SALINITY	2	1.00	-8.048	1.280	

LOCATION: SOUTH BAY CHANNEL
DATE: 21 AUGUST 1984

STATN NUMBR	DEPTH	TIME	TIDE	DISCR CHL A	DISCR PHARO	CHLA/ A+PHA	FLUOR	CALC CHL A	EXCOF (SD)	CALC EXCOF	DISCR SALIN	SALIN	TEMP
32.0	0.0	823	1	-----	-----	-----	0.184	6.5	1.18	1.21	-----	30.57	-----
32.0	2.0	820	1	6.7	3.1	0.68	0.202	6.8	-----	1.33	30.52	30.60	-----
32.0	9.0	817	1	6.8	2.9	0.70	0.206	7.0	-----	1.43	30.61	30.60	-----
31.0	1.0	840	1	-----	-----	-----	0.247	8.5	-----	1.15	-----	30.67	-----
30.0	0.0	915	1	-----	-----	-----	0.161	5.3	1.01	0.86	-----	30.63	-----
30.0	2.0	911	1	-----	-----	-----	0.158	5.1	-----	1.01	-----	30.63	-----
30.0	11.0	904	1	-----	-----	-----	0.153	5.0	-----	1.15	-----	30.63	-----
28.0	1.0	943	1	-----	-----	-----	0.143	4.6	-----	0.91	-----	30.55	-----
28.0	1.0	950	1	-----	-----	-----	0.100	3.3	-----	0.78	-----	30.56	-----
27.0	0.0	1020	1	-----	-----	-----	0.084	2.3	0.66	0.68	-----	30.58	-----
27.0	2.0	1016	1	1.4	0.6	0.68	0.083	2.3	-----	0.70	30.60	30.57	-----
27.0	11.0	1001	1	1.3	0.8	0.58	0.067	1.7	-----	0.76	30.62	30.58	-----
26.0	1.0	1034	1	-----	-----	-----	0.077	2.1	-----	0.76	-----	30.61	-----
25.0	1.0	1050	1	-----	-----	-----	0.084	2.3	-----	0.78	-----	30.57	-----
24.0	0.0	1122	0	-----	-----	-----	0.100	2.9	0.78	0.80	-----	30.45	-----
24.0	2.0	1117	0	3.4	1.2	0.74	0.105	3.1	-----	0.83	-----	30.45	-----
24.0	11.0	1112	0	2.8	1.0	0.73	0.075	2.0	-----	0.88	-----	30.48	-----
23.0	1.0	1137	-1	-----	-----	-----	0.132	4.2	-----	0.85	-----	30.40	-----
22.0	1.0	1154	-1	-----	-----	-----	0.127	4.0	-----	5.88	-----	30.04	-----
21.0	0.0	1233	-1	-----	-----	-----	0.128	4.0	0.87	0.85	-----	29.88	-----
21.0	2.0	1229	-1	4.8	1.2	0.80	0.133	4.2	-----	0.85	29.88	30.00	-----
21.0	5.0	1224	-1	-----	-----	-----	0.147	4.7	-----	5.78	-----	30.27	-----
21.0	10.0	1221	-1	-----	-----	-----	0.075	2.0	-----	1.01	-----	30.48	-----
21.0	15.0	1213	-1	1.8	1.4	0.53	0.068	1.7	-----	0.47	-----	30.81	-----
22.0	1.0	1248	-1	-----	-----	-----	0.147	4.7	-----	0.85	-----	29.82	-----
23.0	1.0	1305	-1	-----	-----	-----	0.142	4.5	-----	0.85	-----	30.30	-----
24.0	1.0	1316	-1	-----	-----	-----	0.102	3.0	-----	0.78	-----	30.50	-----
25.0	1.0	1332	-1	-----	-----	-----	0.080	2.5	-----	0.87	-----	30.62	-----
26.0	1.0	1347	-1	-----	-----	-----	0.111	3.3	-----	0.74	-----	30.61	-----
27.0	1.0	1358	-1	-----	-----	-----	0.116	3.6	-----	0.78	-----	30.58	-----
28.0	1.0	1411	-1	-----	-----	-----	0.100	3.3	-----	0.84	-----	30.52	-----
29.0	1.0	1421	-1	-----	-----	-----	0.178	5.8	-----	0.82	-----	30.32	-----
30.0	1.0	1451	-1	-----	-----	-----	0.135	4.3	-----	1.08	-----	30.64	-----

REGRESSION	N	R^2	A	B	Syx
CHL A vs FLUORESCENCE	8	0.84	-0.875	30.001	0.003
EXCOF vs NEPHELOMETRY	5	0.97	0.428	3.550	0.038
SALINITY vs DISCR SALINITY	5	0.97	0.982	0.812	0.054

LOCATION: South Bay Channel
DATE: 6 September 1984

STATN NUMBR	DEPTH	TIME	TIDE	DISCR CHL A	DISCR PHAEO	CHLA/ A+PHA	FLUOR	CALC CHL A	EXCOF (SD)	CALC EXCOF	DISCR SALIN	SALIN	TEMP
32.0	1.0	810	-1	-----	-----	-----	0.135	6.3	-----	1.72	-----	30.30	16.90
31.0	1.0	821	-1	-----	-----	-----	0.110	5.2	-----	1.75	-----	30.65	17.20
30.0	1.0	837	-1	-----	-----	-----	0.066	3.0	-----	1.36	-----	30.71	16.90
29.0	1.0	901	-1	-----	-----	-----	0.078	2.5	-----	1.09	-----	30.76	17.00
28.0	1.0	914	-1	-----	-----	-----	0.060	2.6	-----	1.24	-----	30.76	17.30
27.0	1.0	923	-1	-----	-----	-----	0.066	3.0	-----	1.36	-----	30.60	17.20
26.0	1.0	933	-1	-----	-----	-----	0.069	3.2	-----	1.44	-----	30.79	17.80
25.0	1.0	948	-1	-----	-----	-----	0.122	5.4	-----	1.50	-----	30.78	18.90
24.0	1.0	1003	-1	-----	-----	-----	0.088	3.8	-----	0.84	-----	30.53	21.10
23.0	1.0	1018	-1	-----	-----	-----	0.104	4.3	-----	1.27	-----	30.37	22.00
22.0	1.0	1030	-1	-----	-----	-----	0.108	4.4	-----	1.25	-----	30.38	21.20
21.0	0.0	1110	-1	-----	-----	-----	0.080	2.6	1.08	1.07	-----	30.06	18.30
21.0	1.0	1038	-1	-----	-----	-----	0.085	3.6	-----	1.24	-----	30.18	22.00
21.0	2.0	1105	-1	3.6	2.0	0.63	0.100	4.0	-----	1.28	-----	30.11	18.00
21.0	5.0	1100	-1	-----	-----	-----	0.085	2.8	-----	1.23	-----	30.41	17.80
21.0	13.0	1053	-1	-----	-----	-----	0.087	3.1	-----	1.88	30.77	30.71	17.20
22.0	1.0	1127	-1	-----	-----	-----	0.113	4.8	-----	1.14	-----	30.44	-----
23.0	1.0	1143	-1	-----	-----	-----	0.086	3.7	-----	1.30	-----	30.28	-----
24.0	0.0	1211	-1	3.8	1.5	0.71	0.082	3.4	1.10	1.02	-----	30.41	18.80
24.0	9.0	1202	-1	3.8	1.7	0.69	0.086	3.0	-----	1.27	-----	30.41	19.00
25.0	1.0	1220	-1	-----	-----	-----	0.120	5.3	-----	1.13	-----	30.86	-----
26.0	1.0	1244	-1	-----	-----	-----	0.115	5.0	-----	1.14	-----	30.77	-----
27.0	0.0	1306	-1	3.0	1.1	0.73	0.084	2.8	1.04	1.10	-----	30.78	20.70
27.0	11.0	1300	-1	1.8	1.3	0.58	0.086	1.7	-----	1.16	30.79	30.77	20.40
28.0	1.0	1323	-1	-----	-----	-----	0.084	2.8	-----	0.87	-----	30.77	-----
28.0	1.0	1334	-1	-----	-----	-----	0.070	2.6	-----	0.83	-----	30.74	-----
30.0	0.0	1400	-1	2.3	1.1	0.68	0.082	2.8	0.85	0.88	30.80	30.73	21.80
30.0	12.0	1402	-1	1.8	1.3	0.58	0.074	2.2	-----	0.98	30.80	30.72	21.40

REGRESSION	N	R^2	A	B	Syx
CHL A vs FLUORESCENCE	7	0.74	-2.772	67.365	0.483
EXCOF vs NEPHELOMETRY	4	0.72	0.352	3.863	0.074
SALINITY vs DISCR SALINITY	4	0.21	13.179	0.570	0.053

LOCATION: SOUTH BAY CHANNEL
DATE: 4 OCTOBER 1984

STATN NUMBR	DEPTH	TIME	TIDE	DISCR CHL A	DISCR PHAEO	CHLA/ A+PHA	FLUOR	CALC CHL A	ERCOF (SD)	CALC ERCOF	DISCR SALIN	SALIN	TEMP
32.0	0.0	817	1	3.3	1.8	0.65	0.106	2.7	1.49	-----	-----	30.11	20.10
32.0	1.0	825	1	-----	-----	-----	0.123	3.1	-----	-----	-----	30.25	20.10
32.0	5.0	810	1	-----	-----	-----	0.114	2.8	-----	-----	-----	30.11	-----
32.0	8.0	803	1	-----	-----	-----	0.114	2.8	-----	-----	-----	30.10	-----
31.0	1.0	835	1	-----	-----	-----	0.104	2.6	-----	-----	-----	30.22	20.20
30.0	1.0	851	1	-----	-----	-----	0.082	2.0	-----	-----	-----	30.28	20.20
29.0	1.0	813	1	1.2	1.4	0.45	0.068	1.5	-----	-----	-----	30.31	20.20
28.0	1.0	825	1	-----	-----	-----	0.057	1.2	-----	-----	-----	30.30	20.20
26.0	1.0	948	1	-----	-----	-----	0.058	1.3	-----	-----	-----	30.35	20.10
25.0	1.0	1000	1	-----	-----	-----	0.076	1.8	-----	-----	-----	29.91	19.50
24.0	1.0	1012	1	-----	-----	-----	0.062	1.8	-----	-----	-----	29.00	17.80
23.0	1.0	1025	1	-----	-----	-----	0.101	2.5	-----	-----	-----	28.37	17.40
22.0	1.0	1039	1	-----	-----	-----	0.114	2.8	-----	-----	-----	28.40	17.40
21.0	0.0	1132	1	-----	-----	-----	-----	-----	0.84	-----	-----	28.28	-----
21.0	1.0	1048	1	-----	-----	-----	0.108	2.7	-----	-----	-----	28.38	17.20
21.0	1.0	1140	-1	-----	-----	-----	0.101	2.5	-----	-----	-----	28.22	17.50
21.0	3.0	1122	1	3.0	1.0	0.78	0.097	2.4	-----	-----	28.50	28.48	-----
21.0	5.0	1116	1	-----	-----	-----	-----	-----	-----	-----	28.78	28.81	-----
21.0	10.0	1111	1	-----	-----	-----	-----	-----	-----	-----	-----	30.58	-----
21.0	20.0	1104	1	-----	-----	-----	-----	-----	-----	-----	30.84	30.81	-----
22.0	1.0	1151	-1	-----	-----	-----	0.101	2.5	-----	-----	-----	28.70	17.40
23.0	1.0	1205	-1	-----	-----	-----	0.088	2.1	-----	-----	-----	28.81	17.70
24.0	1.0	1219	-1	-----	-----	-----	0.088	2.1	-----	-----	-----	29.42	18.00
25.0	1.0	1232	-1	1.8	0.8	0.80	0.078	1.8	-----	-----	-----	30.28	20.20
26.0	1.0	1240	-1	-----	-----	-----	0.062	1.4	-----	-----	-----	30.36	20.10
27.0	1.0	1256	-1	0.7	0.6	0.57	0.055	1.2	-----	-----	-----	30.38	20.10
28.0	1.0	1308	-1	-----	-----	-----	0.057	1.2	-----	-----	-----	30.45	20.20
31.0	1.0	1338	-1	-----	-----	-----	0.180	4.8	-----	-----	-----	30.18	20.40
32.0	1.0	1404	-1	4.6	1.6	0.74	0.180	5.0	-----	-----	-----	29.85	20.20

REGRESSION	N	R^2	A	B	Syx
CHL A vs FLUORESCENCE	6	0.88	-0.388	28.884	0.386
ERCOF vs NEPHELOMETRY	1	0.00	0.000	0.000	0.000
SALINITY vs DISCR SALINITY	3	1.00	-2.821	1.123	0.084

LOCATION: South Bay Channel
DATE: 11 October 1984

STATN NUMBR	DEPTH	TIME	TIDE	DISCR CHL A	DISCR PHAEO	CHLA/ A+PHA	FLUOR	CALC CHL A	EXCOF (SD)	CALC EXCOF	DISCR SALIN	SALIN	TEMP
21.0	1.0	1314	1	-----	-----	-----	0.085	3.4	-----	0.87	-----	28.10	17.00
21.0	2.0	1304	1	3.3	0.0	0.78	0.082	3.3	0.85	0.85	-----	28.11	15.80
21.0	10.0	1250	1	-----	-----	-----	0.073	2.2	-----	0.83	-----	29.55	14.80
21.0	15.0	1250	1	2.8	2.0	0.58	0.076	2.4	-----	1.00	-----	29.74	14.80
22.0	1.0	1324	1	-----	-----	-----	0.078	2.6	-----	0.80	-----	28.88	16.70
23.0	1.0	1338	1	-----	-----	-----	0.082	2.7	-----	1.00	-----	28.30	18.10
24.0	1.0	1348	1	2.0	0.8	0.71	0.076	2.4	-----	0.81	-----	28.38	17.80
25.0	1.0	1358	1	-----	-----	-----	0.078	2.6	-----	1.08	-----	29.02	19.50
26.0	1.0	1414	1	-----	-----	-----	0.076	2.4	-----	1.03	-----	29.40	19.80
27.0	1.0	1423	1	1.3	0.5	0.73	0.050	1.5	-----	0.88	-----	29.40	19.70
28.0	1.0	1432	1	-----	-----	-----	0.080	1.5	-----	1.00	-----	29.51	19.70
29.0	1.0	1443	1	1.0	0.6	0.64	0.055	1.2	-----	1.05	-----	29.48	18.80
30.0	1.0	1503	1	-----	-----	-----	0.073	2.2	-----	1.13	-----	29.34	18.80
31.0	1.0	1517	1	-----	-----	-----	0.085	3.4	-----	1.05	-----	29.22	20.00
32.0	1.0	1528	1	-----	-----	-----	0.080	3.1	-----	1.35	-----	29.08	20.00
32.0	2.0	1543	-1	3.1	0.0	0.77	0.084	3.4	1.24	1.24	-----	29.09	18.80
32.0	5.0	1537	-1	3.0	1.0	0.74	0.070	2.8	-----	1.45	-----	29.08	18.70

REGRESSION	N	R^2	A	B	Syx
CHL A vs FLUORESCENCE	8	0.78	-1.732	34.578	0.486
EXCOF vs NEPHELOMETRY	2	1.00	0.582	2.485	
SALINITY vs DISCR SALINITY	0	0.00	0.000	0.000	0.000

LOCATION: South Bay Channel
DATE: 23 January 1985

STATN NUMBR	DEPTH	TIME	TIDE	DISCR CHL A	DISCR PHAEO	CHLA/ A+PHA	FLUOR	CALC CHL A	EXCOF (SD)	CALC EXCOF	DISCR SALIN	SALIN	TEMP
33.0	1.0	821	0	-----	-----	-----	0.067	5.4	-----	1.96	-----	23.40	-----
32.0	1.0	827	0	-----	-----	-----	0.061	4.1	-----	1.90	-----	23.90	-----
31.0	1.0	836	0	-----	-----	-----	0.070	3.8	-----	1.92	-----	24.20	-----
30.0	1.0	850	0	-----	-----	-----	0.070	1.8	-----	1.30	-----	24.60	-----
29.0	1.0	909	1	-----	-----	-----	0.066	1.1	-----	1.85	-----	25.13	-----
28.0	1.0	920	1	-----	-----	-----	0.062	0.4	-----	1.85	-----	25.32	-----
27.0	1.0	932	1	-----	-----	-----	0.066	1.1	-----	1.71	-----	25.58	-----
26.0	1.0	940	1	-----	-----	-----	0.066	1.1	-----	1.80	-----	25.78	-----
25.0	1.0	955	1	-----	-----	-----	0.071	2.1	-----	1.80	-----	26.18	-----
24.0	1.0	1008	1	-----	-----	-----	0.074	2.8	-----	1.84	-----	26.88	-----
23.0	1.0	1021	1	-----	-----	-----	0.086	5.1	-----	1.87	-----	27.17	-----
22.0	1.0	1038	1	-----	-----	-----	0.084	4.8	-----	1.47	-----	27.57	-----
21.0	1.0	1049	1	-----	-----	-----	0.081	4.2	-----	1.57	-----	28.17	-----
21.0	1.0	1108	1	-----	-----	-----	0.080	5.6	1.30	1.82	-----	28.15	-----
21.0	2.0	1123	1	4.5	1.7	0.72	0.077	3.4	-----	1.81	-----	28.58	-----
21.0	6.0	1128	1	-----	-----	-----	0.076	3.1	-----	1.85	-----	28.81	-----
21.0	12.0	1139	1	2.8	4.8	0.38	0.078	3.4	-----	1.88	29.34	29.36	-----
22.0	1.0	1151	1	-----	-----	-----	0.082	4.4	-----	1.53	-----	28.47	-----
23.0	1.0	1204	1	-----	-----	-----	0.080	6.0	-----	1.53	-----	27.87	-----
24.0	1.0	1231	1	-----	-----	-----	0.081	6.2	1.61	1.58	-----	27.42	-----
24.0	2.0	1229	1	5.5	1.8	0.77	0.080	5.6	-----	1.85	-----	27.42	-----
24.0	8.0	1222	1	3.8	2.8	0.80	0.077	3.3	-----	1.97	27.58	27.58	-----
25.0	1.0	1248	1	-----	-----	-----	0.079	3.8	-----	1.84	-----	28.08	-----
26.0	1.0	1302	1	-----	-----	-----	-----	-----	-----	1.67	-----	28.13	-----
27.0	1.0	1332	1	-----	-----	-----	-----	-----	1.61	1.84	-----	25.85	-----
27.0	2.0	1327	1	2.2	1.2	0.85	-----	-----	-----	1.71	-----	28.02	-----
27.0	12.0	1318	1	2.1	1.7	0.55	-----	-----	-----	1.85	-----	28.08	-----
28.0	1.0	1343	1	-----	-----	-----	0.070	1.8	-----	1.82	-----	25.72	-----
29.0	1.0	1355	0	-----	-----	-----	0.070	1.8	-----	1.88	-----	25.50	-----
30.0	1.0	1439	0	-----	-----	-----	0.060	1.7	1.61	1.88	-----	24.81	-----
30.0	2.0	1428	0	-----	-----	-----	0.065	0.8	-----	1.75	-----	25.18	-----
30.0	14.0	1422	0	1.8	1.8	0.48	0.068	1.6	-----	2.09	25.24	25.19	-----
31.0	1.0	1451	0	-----	-----	-----	0.060	1.7	-----	1.80	-----	24.58	-----
32.0	1.0	1515	0	-----	-----	-----	0.076	3.1	1.76	1.83	-----	24.27	-----
32.0	2.0	1512	0	2.1	1.1	0.65	0.072	2.2	-----	1.80	-----	24.34	-----
32.0	7.5	1505	0	1.9	2.1	0.48	0.075	3.0	-----	2.18	-----	24.48	-----
34.0	1.0	1542	0	-----	-----	-----	0.060	5.6	-----	1.80	23.88	23.88	-----
35.0	1.0	1540	0	-----	-----	-----	0.101	8.2	-----	1.72	-----	23.74	-----
36.0	1.0	1611	0	-----	-----	-----	0.085	6.8	1.88	1.88	23.01	23.05	-----
36.0	2.0	1606	0	2.4	1.3	0.85	0.080	5.6	-----	1.88	-----	22.98	-----
36.0	7.0	1600	0	2.0	1.3	0.61	0.078	3.8	-----	1.81	-----	23.85	-----

REGRESSION	N	R^2	A	B	Syx
CHL A vs FLUORESCENCE	7	0.74	-11.053	188.533	0.006
EXCOF vs NEPHELOMETRY	8	0.23	1.128	1.054	0.185
SALINITY vs DISCR SALINITY	5	1.00	1.167	0.883	0.040

LOCATION: SOUTH BAY CHANNEL
DATE: 27 February 1995

STATN NUMBR	DEPTH	TIME	TIDE	DISCR CHL A	DISCR PHARO	CHLA/ A+PHA	FLUOR	CALC CHL A	EXCOF (SD)	CALC EXCOF	DISCR SALIN	SALIN	TEMP
32.0	1.0	1054	-1	-----	-----	-----	0.117	5.4	0.07	0.07	-----	21.58	-----
32.0	2.0	1048	-1	5.7	2.1	0.74	0.121	5.7	-----	1.03	-----	22.10	-----
32.0	7.0	1038	-1	1.9	1.3	0.60	0.070	2.1	-----	1.05	23.52	23.52	-----
31.0	1.0	1108	-1	-----	-----	-----	0.088	3.4	-----	0.85	-----	22.80	-----
30.0	2.0	1141	-1	1.4	1.1	0.57	0.063	1.8	0.02	0.02	-----	23.87	-----
30.0	10.0	1129	-1	1.2	0.8	0.58	0.054	0.0	-----	0.00	24.35	24.35	-----

REGRESSION	N	R^2	A	B	Syx
CHL A vs FLUORESCENCE	4	0.89	-2.844	70.839	0.243
EXCOF vs NEPHELOMETRY	2	1.00	0.517	2.333	
SALINITY vs DISCR SALINITY	2	1.00	-14.804	1.000	

LOCATION: SOUTH BAY CHANNEL
DATE: 7 MARCH 1985

STATN NUMBR	DEPTH	TIME	TIDE	DISCR CHL A	DISCR PHAEO	CHLA/ A+PHA	FLUOR	CALC CHL A	EXCOF (SD)	CALC EXCOF	DISCR SALIN	SALIN	TEMP
32.0	0.0	832	1	-----	-----	-----	0.111	5.2	1.96	1.82	22.75	22.80	-----
32.0	2.0	827	1	4.6	2.7	0.63	0.111	5.2	-----	1.80	-----	22.74	-----
32.0	5.0	820	1	-----	-----	-----	0.108	5.1	-----	2.17	-----	23.07	-----
32.0	8.0	815	1	5.2	0.3	0.36	0.142	6.3	-----	0.65	23.44	23.40	-----
31.0	1.0	848	1	-----	-----	-----	0.105	5.0	-----	1.84	-----	24.23	-----
30.0	0.0	841	1	-----	-----	-----	0.103	4.9	1.76	1.78	-----	25.28	11.91
30.0	2.0	831	1	7.4	1.9	0.80	0.101	4.8	-----	1.77	-----	25.18	-----
30.0	5.0	824	1	-----	-----	-----	0.114	5.3	-----	3.36	-----	25.23	-----
30.0	11.0	816	1	7.7	16.5	0.32	0.187	7.7	-----	11.15	-----	25.01	-----
29.0	1.0	1009	1	-----	-----	-----	0.127	5.7	-----	3.72	-----	25.50	11.82
28.0	1.0	1023	1	-----	-----	-----	0.114	5.3	-----	3.81	-----	25.80	11.78
27.0	0.0	1100	1	-----	-----	-----	0.118	5.4	1.88	1.87	-----	25.82	11.98
27.0	2.0	1055	1	8.2	2.5	0.77	0.107	5.1	-----	2.85	-----	25.87	11.89
27.0	5.0	1048	1	-----	-----	-----	0.107	5.1	-----	3.54	-----	25.87	11.70
27.0	12.0	1042	1	6.7	5.6	0.55	0.100	5.1	-----	4.85	26.18	25.98	11.68
26.0	1.0	1114	1	-----	-----	-----	0.102	4.8	-----	2.88	-----	26.74	11.88
25.0	1.0	1130	1	-----	-----	-----	0.094	4.6	-----	2.88	-----	27.72	11.84
24.0	0.0	1206	1	-----	-----	-----	0.086	3.7	1.38	1.38	-----	28.08	12.02
24.0	2.0	1201	1	3.1	1.4	0.68	0.087	3.7	-----	1.38	-----	28.83	12.00
24.0	5.0	1157	1	-----	-----	-----	0.083	4.3	-----	2.34	-----	29.48	11.88
24.0	10.0	1151	1	3.0	3.7	0.45	0.087	4.4	-----	3.08	-----	29.35	11.54
23.0	1.0	1221	0	-----	-----	-----	0.086	4.4	-----	1.78	-----	30.11	11.51
22.0	1.0	1235	0	-----	-----	-----	0.103	4.9	-----	1.55	-----	29.84	11.55
21.0	2.0	1312	-1	2.3	1.2	0.65	0.088	4.8	1.38	1.48	27.80	27.87	11.80
21.0	8.0	1302	-1	-----	-----	-----	0.113	5.3	-----	1.88	-----	30.74	11.37
21.0	15.0	1255	-1	4.3	5.1	0.48	0.123	5.8	-----	3.88	30.83	30.87	11.36

REGRESSION	N	R^2	A	B	Syx
CHL A vs FLUORESCENCE	10	0.28	1.488	33.817	1.858
EXCOF vs NEPHELOMETRY	3	0.99	0.450	2.817	0.027
SALINITY vs DISCR SALINITY	5	1.00	0.335	1.041	0.134

LOCATION: SOUTH BAY CHANNEL
DATE: 13 MARCH 1985

STATN NUMBR	DEPTH	TIME	TIDE	DISCR CHL A	DISCR PHAEO	CHLA/ A+PHA	FLUOR	CALC CHL A	EXCOF (SD)	CALC EXCOF	DISCR SALIN	SALIN	TEMP
32.0	0.0	842	-1	-----	-----	-----	0.089	4.1	1.61	1.51	23.33	23.34	13.27
32.0	2.0	836	-1	3.4	1.7	0.66	0.088	4.0	-----	1.57	-----	23.63	13.19
32.0	5.0	830	-1	-----	-----	-----	0.099	5.4	-----	2.03	-----	23.89	13.13
32.0	10.0	819	-1	3.6	4.0	0.47	0.105	6.3	-----	2.43	-----	24.00	12.96
31.0	1.0	855	-1	-----	-----	-----	0.095	4.9	-----	1.51	-----	23.95	12.91
30.0	0.0	831	-1	-----	-----	-----	0.109	6.8	1.61	1.58	-----	23.84	13.65
30.0	2.0	826	-1	4.4	2.0	0.69	0.090	4.3	-----	1.68	-----	24.35	13.43
30.0	5.0	822	-1	-----	-----	-----	0.089	4.1	-----	1.66	-----	24.81	13.28
30.0	10.0	816	-1	4.7	2.5	0.65	0.083	4.7	-----	1.94	-----	24.93	13.20
29.0	1.0	853	-1	-----	-----	-----	0.104	6.1	-----	1.48	25.13	25.13	12.75
28.0	1.0	1003	-1	-----	-----	-----	0.111	7.0	-----	1.80	-----	25.37	12.80
27.0	0.0	1045	-1	-----	-----	-----	0.117	7.8	1.39	1.56	-----	25.44	13.68
27.0	2.0	1038	-1	6.7	3.1	0.68	0.100	6.8	-----	1.78	-----	25.55	13.54
27.0	5.0	1028	-1	-----	-----	-----	0.108	6.6	-----	1.78	-----	25.61	13.47
27.0	10.0	1021	-1	6.8	2.8	0.71	0.111	7.0	-----	2.13	-----	25.70	13.38
26.0	1.0	1050	-1	-----	-----	-----	0.117	7.8	-----	1.47	-----	25.86	12.84
25.0	1.0	1110	-1	-----	-----	-----	0.116	7.6	-----	1.47	-----	26.31	12.76
24.0	0.0	1140	-1	-----	-----	-----	0.142	11.1	1.18	1.30	-----	26.75	13.83
24.0	2.0	1142	-1	8.6	2.1	0.81	0.116	7.6	-----	1.37	-----	26.74	13.62
24.0	8.0	1133	1	7.8	1.6	0.83	0.103	5.9	-----	1.43	26.84	26.79	13.36
23.0	1.0	1204	-1	-----	-----	-----	0.120	8.2	-----	1.30	-----	27.05	12.55
22.0	1.0	1217	0	-----	-----	-----	0.085	3.6	-----	1.25	-----	27.42	12.93
21.0	0.0	1250	1	-----	-----	-----	0.075	2.2	1.48	1.38	-----	26.88	13.87
21.0	2.0	1253	1	3.8	1.4	0.73	0.080	2.9	-----	1.42	-----	27.28	13.13
21.0	5.0	1248	1	-----	-----	-----	0.078	2.7	-----	1.50	-----	27.42	13.03
21.0	10.0	1242	0	-----	-----	-----	0.081	3.0	-----	1.60	-----	27.82	12.97
21.0	15.0	1236	0	3.4	2.8	0.55	0.082	3.2	-----	1.78	27.86	27.90	12.94
20.0	1.0	1325	1	-----	-----	-----	0.079	2.8	-----	1.41	-----	28.41	12.75
19.0	1.0	1358	1	3.6	1.3	0.74	0.082	4.5	-----	1.30	-----	29.43	12.15

REGRESSION	N	R^2	A	B	Syx
CHL A vs FLUORESCENCE	11	0.84	-7.840	131.940	1.252
EXCOF vs NEPHELOMETRY	5	0.44	0.968	1.235	0.156
SALINITY vs DISCR SALINITY	4	1.00	-0.041	1.045	0.040

LOCATION: South Bay
DATE: 21 March 1985

STATN NUMBR	DEPTH	TIME	TIDE	DISCR CHL A	DISCR PHAEO	CHLA/ A+PHA	FLUOR	CALC CHL A	EXCOF (SD)	CALC EXCOF	DISCR SALIN	SALIN	TEMP
33.1	1.0	707	1	-----	-----	-----	0.089	2.6	0.97	1.14	24.45	24.54	14.42
33.0	1.0	800	1	3.0	2.4	0.56	0.111	4.2	1.96	1.66	22.02	21.97	14.97
32.0	1.0	806	1	-----	-----	-----	0.117	4.7	-----	1.56	-----	22.59	14.70
31.0	1.0	815	1	-----	-----	-----	0.142	6.5	-----	1.48	-----	23.31	14.77
30.5	1.0	822	1	7.7	2.3	0.77	0.171	8.6	-----	1.40	-----	23.55	14.78
30.0	1.0	831	1	10.4	2.3	0.82	0.193	10.2	-----	1.31	-----	24.14	14.59
29.0	1.0	854	1	-----	-----	-----	0.180	9.3	-----	1.32	-----	25.28	14.00
28.0	1.0	906	1	-----	-----	-----	0.212	11.6	-----	1.32	-----	25.61	13.96
27.0	1.0	918	1	13.7	3.4	0.80	0.238	13.3	-----	1.76	-----	25.85	13.78
26.0	1.0	928	1	-----	-----	-----	0.208	11.4	-----	2.07	26.59	26.57	13.48
25.0	1.0	932	1	-----	-----	-----	0.190	10.0	-----	1.85	-----	26.74	13.40
24.0	1.0	948	1	-----	-----	-----	0.158	7.7	-----	2.05	-----	27.22	13.40
23.0	1.0	1011	1	3.3	3.2	0.51	0.093	2.9	2.22	2.34	27.81	27.88	13.25

REGRESSION	N	R^2	A	B	Syx
CHL A vs FLUORESCENCE	4	0.98	-3.861	72.854	0.706
EXCOF vs NEPHELOMETRY	3	0.85	0.883	1.621	0.364
SALINITY vs DISCR SALINITY	4	1.00	-0.825	1.084	0.078

LOCATION: SOUTH BAY CHANNEL
DATE: 20 MARCH 1985

STATN NUMBR	DEPTH	TIME	TIDE	DISCR CHL A	DISCR PHAEO	CHLA/ A+PHA	FLUOR	CALC CHL A	EXCOF (SD)	CALC EXCOF	DISCR SALIN	SALIN	TEMP
30.0	1.0	630	-1	-----	-----	-----	0.440	32.6	-----	1.77	-----	24.61	12.59
31.0	1.0	640	-1	-----	-----	-----	0.500	37.1	-----	1.90	-----	24.18	12.62
32.0	1.0	650	-1	-----	-----	-----	0.570	42.4	-----	1.84	-----	23.85	12.36
33.0	1.0	657	-1	-----	-----	-----	0.500	37.1	-----	2.75	-----	22.61	12.27
34.0	1.0	714	-1	-----	-----	-----	0.480	35.6	-----	2.25	-----	21.88	11.80
35.0	1.0	721	-1	-----	-----	-----	0.500	37.1	-----	1.96	-----	21.09	11.82
36.0	0.0	748	-1	-----	-----	-----	0.560	41.6	2.22	2.12	19.68	19.68	11.76
36.0	1.0	728	-1	-----	-----	-----	0.560	41.6	-----	2.25	-----	20.36	11.83
36.0	2.0	742	-1	41.8	7.6	0.85	0.500	37.1	-----	1.96	-----	20.25	11.70
36.0	5.0	740	-1	36.7	12.3	0.75	0.445	33.0	-----	2.21	-----	21.17	11.99
35.0	1.0	806	-1	-----	-----	-----	0.550	40.9	-----	1.84	-----	20.78	11.69
34.0	1.0	811	-1	-----	-----	-----	0.490	36.4	-----	2.12	-----	21.10	11.71
33.0	1.0	824	-1	-----	-----	-----	0.470	34.9	-----	2.36	-----	21.78	12.14
32.0	0.0	855	-1	-----	-----	-----	0.420	31.1	2.22	2.17	22.02	22.02	12.89
32.0	2.0	847	-1	35.5	10.8	0.77	0.449	33.3	-----	2.27	-----	22.27	12.54
32.0	5.0	842	-1	-----	-----	-----	0.470	34.9	-----	2.77	-----	23.45	12.74
32.0	8.0	837	-1	38.8	21.2	0.65	0.520	38.6	-----	3.91	-----	23.89	12.80
31.0	1.0	911	-1	-----	-----	-----	0.480	35.6	-----	2.03	-----	23.00	12.51
30.0	0.0	951	-1	-----	-----	-----	0.400	28.6	1.61	1.83	-----	23.44	12.78
30.0	1.0	824	-1	-----	-----	-----	0.410	30.4	-----	1.81	-----	24.00	12.47
30.0	2.0	944	-1	33.4	8.5	0.84	0.435	32.3	-----	1.76	-----	23.73	12.80
30.0	5.0	940	-1	-----	-----	-----	0.420	31.1	-----	2.36	-----	24.30	12.72
30.0	10.0	936	-1	38.6	39.4	0.48	0.515	38.2	-----	5.01	-----	24.62	12.70
29.0	1.0	1014	-1	-----	-----	-----	0.390	28.9	-----	1.71	-----	24.63	12.53
27.0	2.0	1053	-1	-----	-----	-----	0.320	23.6	-----	1.50	-----	25.09	13.24
27.0	2.0	1103	-1	22.9	6.8	0.77	0.320	23.6	1.49	1.49	24.87	24.87	13.32
27.0	5.0	1048	-1	-----	-----	-----	0.320	23.6	-----	2.11	-----	25.62	13.11
27.0	10.0	1043	-1	23.5	38.6	0.37	0.380	28.1	-----	7.30	-----	25.88	13.11
26.0	1.0	1117	-1	-----	-----	-----	0.370	27.4	-----	1.33	-----	25.42	12.95
25.0	1.0	1130	-1	-----	-----	-----	0.340	25.1	-----	1.96	-----	26.19	13.06
24.0	0.0	1202	-1	23.5	4.8	0.83	0.280	19.2	1.39	1.30	28.48	28.47	-----
24.0	1.0	1144	-1	-----	-----	-----	0.310	22.8	-----	1.33	-----	26.52	13.14
24.0	5.0	1157	-1	-----	-----	-----	0.310	22.8	-----	1.48	-----	26.56	-----
24.0	8.5	1151	-1	21.8	7.2	0.75	0.300	22.2	-----	1.58	-----	26.59	-----
23.0	1.0	1218	-1	-----	-----	-----	0.290	21.4	-----	1.17	-----	26.78	13.21
22.0	1.0	1233	0	-----	-----	-----	0.270	19.9	-----	1.08	-----	27.50	-----
21.0	0.0	1307	0	-----	-----	-----	0.130	9.4	1.04	1.05	-----	27.24	-----
21.0	1.0	1244	0	-----	-----	-----	0.140	10.2	-----	1.08	-----	27.15	13.17
21.0	1.0	1314	1	-----	-----	-----	0.160	11.7	-----	1.17	-----	27.26	12.98
21.0	2.0	1300	0	10.2	2.6	0.80	0.160	11.7	-----	1.05	-----	24.20	-----
21.0	5.0	1258	0	-----	-----	-----	0.130	9.4	-----	1.14	-----	27.88	-----
21.0	10.0	1254	0	-----	-----	-----	0.120	8.7	-----	1.20	-----	28.05	-----
21.0	15.5	1250	0	-----	-----	-----	0.120	8.7	-----	1.43	-----	28.15	-----
22.0	1.0	1328	1	-----	-----	-----	0.230	16.9	-----	1.33	-----	27.13	13.15
23.0	1.0	1339	1	-----	-----	-----	0.300	22.2	-----	1.14	-----	27.24	12.84
24.0	1.0	1348	1	-----	-----	-----	0.325	24.0	-----	1.24	-----	26.70	13.35

DATE: 29 MARCH 1985

STATN NUMBR	DEPTH	TIME	TIDE	DISCR CHL A	DISCR PHAEO	CHLA/ A+PHA	FLUOR	CALC CHL A	EXCOF (SD)	CALC EXCOF	DISCR SALIN	SALIN	TEMP
25.0	1.0	1400	1	-----	-----	-----	0.330	24.4	-----	1.43	-----	26.26	13.24
26.0	1.0	1415	1	-----	-----	-----	0.350	25.8	-----	1.52	-----	25.21	13.19
27.0	1.0	1423	1	-----	-----	-----	0.350	25.8	-----	1.52	-----	25.06	13.05
28.0	1.0	1431	1	-----	-----	-----	0.380	28.1	-----	1.71	-----	25.02	12.82
29.0	1.0	1441	1	-----	-----	-----	0.440	32.6	-----	1.90	-----	24.80	13.02
30.0	1.0	1500	1	-----	-----	-----	0.490	36.4	-----	1.84	-----	23.82	12.82
31.0	1.0	1512	1	-----	-----	-----	0.530	39.4	-----	1.98	-----	22.54	12.82
32.0	1.0	1518	1	-----	-----	-----	0.530	39.4	-----	2.15	-----	22.44	13.00
33.0	1.0	1523	1	-----	-----	-----	0.580	43.8	-----	2.09	-----	21.96	12.91

REGRESSION	N	R^2	A	B	Syx
CHL A vs FLUORESCENCE	9	0.93	-0.296	74.822	2.743
EXCOF vs NEPHELOMETRY	6	0.94	0.418	3.153	0.132
SALINITY vs DISCR SALINITY	4	1.00	-0.241	1.055	0.000

LOCATION: South Bay Channel
DATE: 8 April 1985

STATN NUMBR	DEPTH	TIME	TIDE	DISCR CHL A	DISCR PHAEO	CHLA/ A+PHA	FLUOR	CALC CHL A	EXCOF (SD)	CALC EXCOF	DISCR SALIN	SALIN	TEMP
33.0	1.0	932	0	-----	-----	-----	0.420	25.8	-----	1.87	-----	22.48	18.00
33.0	1.0	939	0	-----	-----	-----	0.430	26.4	-----	1.93	-----	22.26	18.00
32.0	1.0	944	0	-----	-----	-----	0.420	25.8	-----	1.84	-----	22.72	17.98
31.0	1.0	951	0	-----	-----	-----	0.440	27.1	-----	1.85	-----	23.16	17.89
30.0	1.0	1006	1	-----	-----	-----	0.480	29.8	-----	1.90	-----	23.87	17.77
29.0	1.0	1027	1	-----	-----	-----	0.320	19.0	-----	1.81	-----	24.87	17.17
28.0	1.0	1038	1	-----	-----	-----	0.290	17.0	-----	1.73	-----	25.23	16.99
27.0	1.0	1050	1	-----	-----	-----	0.270	15.7	-----	1.67	-----	25.48	16.82
26.0	1.0	1101	1	-----	-----	-----	0.240	13.7	-----	2.45	-----	25.92	16.70
25.0	1.0	1116	1	-----	-----	-----	0.210	11.6	-----	2.25	-----	26.67	16.07
24.0	1.0	1131	1	-----	-----	-----	0.220	12.3	-----	2.02	-----	27.40	15.50
23.0	1.0	1142	1	-----	-----	-----	0.220	12.3	-----	1.83	-----	27.23	15.80
22.0	1.0	1204	1	-----	-----	-----	0.140	6.9	-----	1.82	-----	28.28	14.70
21.0	0.0	1245	1	4.9	2.6	0.65	0.123	5.8	1.49	1.78	-----	28.72	15.30
21.0	1.0	1217	1	-----	-----	-----	0.120	5.6	-----	1.78	-----	27.74	14.80
21.0	5.0	1230	1	-----	-----	-----	0.129	6.2	-----	1.80	-----	28.11	15.07
21.0	10.0	1233	1	5.2	4.8	0.52	0.134	6.5	-----	2.05	28.18	28.19	14.83
22.0	1.0	1303	1	-----	-----	-----	0.138	6.7	-----	1.75	-----	28.80	14.14
23.0	1.0	1315	1	-----	-----	-----	0.190	10.3	-----	2.18	-----	28.88	14.20
24.0	0.0	1334	1	8.7	4.3	0.67	0.170	9.0	1.86	1.83	-----	28.81	15.35
24.0	1.0	1340	1	-----	-----	-----	0.190	10.3	-----	2.06	-----	28.82	14.44
24.0	8.0	1328	1	8.7	8.7	0.53	0.196	10.7	-----	2.44	-----	28.78	15.27
25.0	1.0	1354	1	-----	-----	-----	0.283	15.2	-----	2.23	-----	27.76	15.28
26.0	1.0	1407	1	-----	-----	-----	0.280	15.0	-----	1.80	-----	27.44	15.72
27.0	0.0	1428	1	13.8	5.6	0.71	0.228	12.7	1.96	1.81	26.98	26.90	16.36
27.0	1.0	1415	1	-----	-----	-----	0.270	15.7	-----	2.08	-----	26.87	15.90
27.0	12.0	1420	1	13.8	7.8	0.63	0.234	13.3	-----	2.09	-----	27.01	16.31
28.0	1.0	1445	1	-----	-----	-----	0.280	15.0	-----	1.84	-----	28.50	16.28
29.0	1.0	1454	1	-----	-----	-----	0.290	16.3	-----	2.00	-----	28.14	16.50
30.0	0.0	1538	1	15.1	5.3	0.74	0.257	14.8	1.76	1.74	-----	25.67	17.12
30.0	1.0	1511	1	-----	-----	-----	0.290	17.0	-----	1.88	-----	25.73	16.77
30.0	1.0	1544	1	-----	-----	-----	0.410	25.1	-----	1.68	-----	26.01	17.08
30.0	5.0	1529	1	-----	-----	-----	0.268	15.5	-----	1.88	-----	25.73	16.85
30.0	15.0	1518	1	17.4	10.7	0.62	0.275	16.0	-----	2.14	-----	25.73	16.88
31.0	1.0	1557	1	-----	-----	-----	0.330	19.7	-----	1.73	-----	25.34	17.05
32.0	0.0	1626	0	22.9	7.7	0.75	0.420	25.8	1.96	1.75	24.85	24.89	17.58
32.0	1.0	1605	1	-----	-----	-----	0.440	27.1	-----	1.75	-----	24.76	17.61
32.0	4.0	1620	0	-----	-----	-----	0.360	21.7	-----	1.76	-----	25.03	17.35
32.0	8.0	1612	0	20.7	9.6	0.68	0.288	17.6	-----	1.82	-----	25.22	17.17

REGRESSION	N	R^2	A	B	Syx
CHL A vs FLUORESCENCE	10	0.93	-2.487	67.258	1.743
EXCOF vs NEPHELOMETRY	5	0.19	1.455	0.683	0.214
SALINITY vs DISCR SALINITY	3	1.00	0.890	1.014	0.091

LOCATION: South Bay Channel
DATE: 18 April 1985

STATN NUMBR	DEPTH	TIME	TIDE	DISCR CHL A	DISCR PHAEO	CHLA/ A+PHA	FLUOR	CALC CHL A	EXCOF (SD)	CALC EXCOF	DISCR SALIN	SALIN	TEMP
36.0	2.0	750	1	-----	-----	-----	0.108	6.4	1.61	1.63	22.33	22.36	19.43
36.0	5.0	743	1	-----	-----	-----	0.100	5.3	-----	1.63	-----	22.48	19.30
35.0	1.0	808	1	-----	-----	-----	0.111	6.8	-----	1.30	-----	23.44	19.11
34.0	1.0	814	1	-----	-----	-----	0.114	7.2	-----	1.28	-----	23.77	18.81
33.0	1.0	832	1	-----	-----	-----	0.119	8.0	-----	1.26	-----	24.81	18.86
32.0	2.0	858	1	5.5	1.5	0.78	0.104	5.8	1.18	1.13	-----	24.87	18.53
32.0	10.0	853	1	-----	-----	-----	0.084	3.1	-----	1.17	-----	25.05	18.42
31.0	1.0	914	1	-----	-----	-----	0.108	6.4	-----	1.02	-----	25.38	18.15
30.0	2.0	947	1	4.2	1.3	0.77	0.093	4.3	0.85	0.81	26.11	26.05	17.70
30.0	13.0	940	1	-----	-----	-----	0.078	2.3	-----	1.01	-----	26.21	17.80
29.0	1.0	1016	1	-----	-----	-----	0.106	6.2	-----	0.88	-----	26.43	17.61
28.0	1.0	1028	0	-----	-----	-----	0.118	8.0	-----	0.88	-----	26.52	17.50
27.0	2.0	1052	0	8.2	1.4	0.86	0.122	8.3	0.82	0.83	-----	27.13	17.48
27.0	10.0	1046	0	7.7	1.1	0.87	0.113	7.2	-----	0.84	-----	27.58	18.91
26.0	1.0	1115	-1	-----	-----	-----	0.133	9.8	-----	0.84	-----	27.45	18.88
25.0	1.0	1128	-1	-----	-----	-----	0.132	9.7	-----	0.86	-----	27.83	18.13
24.0	1.0	1154	-1	5.7	0.7	0.88	0.087	5.0	0.80	0.85	28.80	28.84	15.82
24.0	10.0	1202	-1	4.4	1.4	0.75	0.088	3.8	-----	1.10	-----	28.90	15.46
22.0	1.0	1232	-1	-----	-----	-----	0.088	3.7	-----	0.90	-----	29.32	14.88
21.0	1.0	1312	-1	-----	-----	-----	0.087	5.0	-----	0.84	-----	28.81	15.84
21.0	2.0	1305	-1	5.2	1.3	0.80	0.100	5.3	-----	0.87	-----	29.21	15.31
21.0	10.0	1258	-1	3.7	2.8	0.57	0.085	4.7	-----	1.31	-----	29.83	14.73
22.0	1.0	1327	-1	-----	-----	-----	0.108	6.4	-----	0.84	-----	28.77	-----
23.0	1.0	1348	-1	-----	-----	-----	0.122	8.4	-----	1.00	-----	28.86	-----
24.0	1.0	1358	-1	-----	-----	-----	0.142	11.1	-----	1.13	-----	28.38	-----
25.0	1.0	1415	-1	-----	-----	-----	0.150	12.2	-----	0.88	-----	27.88	-----
26.0	1.0	1432	-1	-----	-----	-----	0.128	9.1	-----	0.86	-----	28.88	-----
27.0	1.0	1441	-1	-----	-----	-----	0.093	4.3	-----	0.88	-----	28.35	-----
28.0	1.0	1454	-1	-----	-----	-----	0.104	5.8	-----	0.89	-----	28.05	-----
29.0	1.0	1508	-1	-----	-----	-----	0.107	6.3	-----	1.05	-----	25.48	-----
30.0	1.0	1520	-1	-----	-----	-----	0.123	8.5	-----	2.20	-----	24.91	-----
31.0	1.0	1545	-1	-----	-----	-----	0.122	8.3	-----	1.15	-----	24.00	-----
32.0	1.0	1556	-1	-----	-----	-----	0.118	7.8	-----	1.14	-----	23.38	-----
33.0	1.0	1601	-1	-----	-----	-----	0.139	10.7	-----	1.17	-----	22.81	-----

REGRESSION	N	R^2	A	B	Syx
CHL A vs FLUORESCENCE	8	0.88	-8.331	136.739	0.612
EXCOF vs NEPHELOMETRY	5	0.90	0.580	2.181	0.044
SALINITY vs DISCR SALINITY	3	1.00	-1.204	1.102	0.080

LOCATION: South Bay Channel
DATE: 20 April 1985

STATN NUMBR	DEPTH	TIME	TIDE	DISCR CHL A	DISCR PHAEO	CHLA/ A+PHA	FLUOR	CALC CHL A	EXCOF (SD)	CALC EXCOF	DISCR SALIN	SALIN	TEMP
36.0	2.0	642	1	-----	-----	-----	0.080	3.2	1.81	1.61	-----	24.46	16.16
36.0	6.0	633	1	-----	-----	-----	0.081	3.3	-----	1.76	-----	24.50	16.16
35.0	1.0	656	1	-----	-----	-----	0.088	3.8	-----	1.68	-----	24.82	16.60
34.0	1.0	702	1	-----	-----	-----	0.085	3.6	-----	1.86	-----	25.37	16.67
33.0	1.0	718	1	-----	-----	-----	0.086	3.7	-----	1.27	-----	25.74	16.41
32.0	2.0	740	0	3.4	1.1	0.76	0.084	3.6	1.18	1.18	26.14	26.18	16.30
32.0	8.0	729	0	2.1	1.1	0.66	0.070	2.5	-----	1.11	-----	26.33	16.24
31.0	1.0	755	-1	-----	-----	-----	0.078	3.1	-----	1.05	-----	26.38	16.49
30.0	2.0	823	-1	2.4	0.8	0.76	0.068	2.4	0.97	0.95	-----	26.47	16.40
30.0	12.0	817	-1	1.8	0.9	0.67	0.060	1.7	-----	1.01	-----	26.49	16.34
29.0	1.0	854	-1	-----	-----	-----	0.073	2.7	-----	0.91	-----	26.64	16.26
28.0	1.0	904	-1	-----	-----	-----	0.076	2.9	-----	0.88	-----	26.75	16.26
27.0	0.0	851	-1	-----	-----	-----	0.064	2.0	0.84	0.86	-----	26.80	16.81
27.0	2.0	845	-1	2.7	0.8	0.77	0.080	2.4	-----	0.88	-----	26.76	16.85
27.0	5.0	833	-1	-----	-----	-----	0.054	1.3	-----	0.80	-----	27.11	16.52
27.0	7.5	840	-1	-----	-----	-----	0.053	1.2	-----	0.88	-----	27.28	16.40
27.0	10.0	825	-1	1.0	0.5	0.68	0.050	1.0	-----	0.86	27.82	27.75	16.25
26.0	1.0	1005	-1	-----	-----	-----	0.071	2.6	-----	0.87	-----	26.94	16.23
25.0	1.0	1016	-1	-----	-----	-----	0.092	3.9	-----	0.85	-----	27.80	15.80
24.0	2.0	1041	-1	3.2	1.1	0.75	0.078	3.1	1.08	1.08	-----	28.83	15.98
24.0	8.0	1035	-1	2.8	1.8	0.62	0.078	3.2	-----	1.40	-----	29.06	15.80
23.0	1.0	1100	-1	-----	-----	-----	0.079	3.2	-----	0.85	-----	29.12	14.81
22.0	1.0	1112	-1	-----	-----	-----	0.081	3.3	-----	1.00	-----	29.52	-----
21.0	1.0	1201	-1	-----	-----	-----	0.073	2.7	-----	0.85	-----	28.72	-----
21.0	2.0	1130	-1	3.6	0.8	0.80	0.078	3.1	-----	0.86	-----	28.90	15.70
21.0	10.0	1134	-1	-----	-----	-----	0.070	2.5	-----	0.87	-----	29.10	15.42
21.0	15.0	1129	-1	2.2	1.2	0.65	0.068	2.3	-----	1.05	29.48	29.52	15.05
22.0	1.0	1214	-1	-----	-----	-----	0.068	2.2	-----	0.86	-----	29.15	-----
24.0	1.0	1247	-1	-----	-----	-----	0.085	3.6	-----	0.80	-----	27.76	-----
25.0	1.0	1257	-1	-----	-----	-----	0.067	2.2	-----	1.26	-----	27.19	-----
26.0	1.0	1314	-1	-----	-----	-----	0.067	2.3	-----	1.35	-----	26.67	-----
27.0	1.0	1323	-1	-----	-----	-----	0.073	2.7	-----	1.40	-----	26.38	-----
28.0	1.0	1334	-1	-----	-----	-----	0.084	3.5	-----	1.22	-----	26.35	-----
29.0	1.0	1345	-1	-----	-----	-----	0.088	3.7	-----	1.21	-----	26.18	-----
30.0	1.0	1405	-1	-----	-----	-----	0.085	4.4	-----	1.25	-----	25.40	-----

REGRESSION	N	R^2	A	B	Syx
CHL A vs FLUORESCENCE	10	0.89	-2.794	75.378	0.280
EXCOF vs NEPHELOMETRY	5	1.00	0.554	2.287	0.023
SALINITY vs DISCR SALINITY	3	1.00	-0.296	1.062	0.094

LOCATION: SOUTH BAY CHANNEL
DATE: 14 MAY 1985

STATN NUMBR	DEPTH	TIME	TIDE	DISCR CHL A	DISCR PHAEO	CHLA/ A+PHA	FLUOR	CALC CHL A	EXCOF (SD)	CALC EXCOF	DISCR SALIN	SALIN	TEMP
32.0	0.0	907	1	-----	-----	-----	0.064	1.9	0.85	0.88	-----	26.46	17.86
32.0	2.0	903	1	1.5	0.6	0.73	0.062	1.8	-----	0.82	-----	26.49	17.77
32.0	7.0	858	1	1.2	1.0	0.55	0.055	1.3	-----	0.99	26.58	26.57	17.65
31.0	1.0	822	1	-----	-----	-----	0.056	1.4	-----	0.86	-----	26.60	17.27
30.0	0.0	851	1	-----	-----	-----	0.052	1.1	0.84	0.78	-----	26.96	17.81
30.0	2.0	848	1	1.3	0.6	0.70	0.051	1.0	-----	0.85	-----	26.98	17.70
30.0	5.0	844	1	-----	-----	-----	0.052	1.1	-----	0.88	-----	27.07	17.50
30.0	12.0	841	1	1.0	1.0	0.48	0.050	1.0	-----	0.96	-----	27.13	17.53
29.0	1.0	1010	1	-----	-----	-----	0.052	1.1	-----	0.93	-----	27.82	17.10
28.0	1.0	1030	1	-----	-----	-----	0.053	1.2	-----	0.90	-----	27.49	17.08
27.0	0.0	1057	-1	-----	-----	-----	0.058	1.5	0.84	0.87	-----	28.08	17.42
27.0	2.0	1053	-1	1.7	0.7	0.70	0.060	1.7	-----	0.85	-----	28.23	17.22
27.0	5.0	1050	0	-----	-----	-----	0.061	1.7	-----	0.88	-----	28.50	16.85
27.0	10.0	1047	0	1.4	0.9	0.82	0.058	1.5	-----	0.97	28.89	28.87	16.65
26.0	1.0	1110	-1	-----	-----	-----	0.068	2.3	-----	0.93	-----	28.72	16.33
25.0	1.0	1125	-1	-----	-----	-----	0.074	2.6	-----	1.04	-----	29.30	15.77
24.0	2.0	1155	-1	2.6	1.1	0.70	0.071	2.4	1.04	1.02	-----	29.90	16.01
24.0	5.0	1140	-1	-----	-----	-----	0.070	2.3	-----	1.20	-----	30.07	15.86
24.0	10.0	1145	-1	2.1	1.7	0.55	0.070	2.3	-----	1.53	30.00	30.08	15.58
23.0	1.0	1210	-1	-----	-----	-----	0.074	2.6	-----	1.01	-----	29.88	15.48
22.0	1.0	1222	-1	-----	-----	-----	0.074	2.6	-----	1.01	-----	30.17	15.54
21.0	1.0	1251	-1	-----	-----	-----	0.078	2.8	-----	1.08	-----	29.75	-----
21.0	2.0	1248	-1	3.1	1.2	0.73	0.079	3.0	1.13	1.12	-----	29.81	16.12
21.0	6.0	1242	-1	-----	-----	-----	0.078	2.8	-----	1.14	-----	30.42	15.31
21.0	12.0	1237	-1	2.7	2.0	0.58	0.075	2.7	-----	1.38	30.68	30.82	15.07
22.0	1.0	1304	-1	-----	-----	-----	0.072	2.5	-----	1.01	-----	29.86	-----
23.0	1.0	1322	-1	-----	-----	-----	0.071	2.4	-----	1.01	-----	29.89	-----
24.0	1.0	1335	-1	-----	-----	-----	0.064	1.9	-----	0.93	-----	29.16	-----
25.0	1.0	1350	-1	-----	-----	-----	0.065	2.0	-----	0.85	-----	28.48	-----
26.0	1.0	1407	-1	-----	-----	-----	0.061	1.7	-----	0.82	-----	27.90	-----
27.0	1.0	1418	-1	-----	-----	-----	0.054	1.2	-----	0.83	-----	27.54	-----
28.0	1.0	1437	-1	-----	-----	-----	0.054	1.2	-----	0.83	-----	27.14	-----
29.0	1.0	1444	-1	-----	-----	-----	0.053	1.2	-----	0.82	-----	26.70	-----
30.0	1.0	1505	-1	-----	-----	-----	0.065	2.0	-----	0.85	-----	26.48	-----
31.0	1.0	1521	-1	-----	-----	-----	0.074	2.6	-----	1.04	-----	25.72	-----
32.0	1.0	1531	-1	-----	-----	-----	0.087	3.6	-----	1.27	-----	25.38	-----
33.0	1.0	1537	-1	-----	-----	-----	0.083	3.3	-----	1.22	-----	24.57	-----

REGRESSION	N	R^2	A	B	Syx
CHL A vs FLUORESCENCE	10	0.84	-2.565	70.372	0.189
EXCOF vs NEPHELOMETRY	5	0.95	0.533	2.093	0.036
SALINITY vs DISCR SALINITY	4	1.00	-0.348	1.065	0.077

LOCATION: SOUTH BAY CHANNEL
DATE: 30 MAY 1985

STATN NUMBR	DEPTH	TIME	TIDE	DISCR CHL A	DISCR PHAEO	CHLA/ A+PHA	FLUOR	CALC CHL A	EXCOF (SD)	CALC EXCOF	DISCR SALIN	SALIN	TEMP
32.0	2.0	910	1	1.5	1.0	0.60	0.064	1.6	1.18	1.16	-----	27.53	18.33
32.0	8.0	915	1	-----	-----	-----	0.067	1.8	-----	1.34	-----	27.62	18.24
32.0	12.0	910	1	1.5	2.6	0.37	0.073	2.1	-----	1.43	27.61	27.61	18.17
31.0	1.0	935	1	-----	-----	-----	0.050	1.4	-----	1.13	-----	27.74	18.08
30.0	2.0	1006	0	1.2	0.8	0.60	0.050	1.3	1.04	1.14	-----	28.35	18.27
30.0	8.0	1004	0	0.8	1.8	0.33	0.057	1.2	-----	1.24	-----	28.38	18.21
30.0	12.0	1000	0	-----	-----	-----	0.050	1.4	-----	1.27	-----	28.38	18.21
29.0	0.0	1032	0	-----	-----	-----	0.060	1.4	-----	1.15	-----	28.57	18.06
28.0	0.0	1043	0	-----	-----	-----	0.066	1.7	-----	1.08	-----	28.98	17.89
27.0	0.0	1118	-1	-----	-----	-----	0.060	1.4	1.04	1.08	-----	29.34	17.81
27.0	2.0	1111	-1	1.0	0.6	0.75	0.065	1.7	-----	1.08	-----	29.35	17.83
27.0	5.0	1109	-1	-----	-----	-----	0.050	1.4	-----	1.18	-----	28.34	17.82
27.0	8.0	1105	-1	-----	-----	-----	0.057	1.2	-----	1.12	-----	29.37	17.55
27.0	12.0	1101	-1	1.2	1.0	0.56	0.050	1.3	-----	1.14	29.32	29.31	17.62
26.0	0.0	1122	-1	-----	-----	-----	0.068	1.8	-----	1.08	-----	29.67	17.30
25.0	0.0	1146	-1	-----	-----	-----	0.071	2.0	-----	1.11	-----	29.86	16.89
24.0	0.0	1213	-1	-----	-----	-----	0.067	1.8	1.24	1.12	-----	30.20	16.91
24.0	2.0	1200	-1	2.2	1.0	0.68	0.066	1.7	-----	1.13	-----	30.09	16.68
24.0	5.0	1205	-1	-----	-----	-----	0.067	1.8	-----	1.28	-----	30.17	16.41
24.0	8.0	1201	-1	2.0	1.0	0.51	0.066	1.7	-----	1.32	30.20	30.23	16.42
23.0	0.0	1230	-1	-----	-----	-----	0.069	1.8	-----	1.12	-----	30.32	16.56
22.0	0.0	1243	-1	-----	-----	-----	0.072	2.1	-----	1.13	-----	30.25	16.18
21.0	2.0	1210	-1	2.8	1.1	0.71	0.074	2.2	1.13	1.13	-----	30.29	16.47
21.0	5.0	1206	-1	-----	-----	-----	0.077	2.3	-----	1.31	-----	30.48	15.72
21.0	10.0	1202	-1	-----	-----	-----	0.081	2.5	-----	1.46	-----	30.53	15.34
21.0	18.0	1156	-1	2.2	3.6	0.38	0.081	2.5	-----	1.46	30.57	30.44	15.55

REGRESSION	N	R^2	A	B	Syx
CHL A vs FLUORESCENCE	10	0.55	-1.787	53.430	0.200
EXCOF vs NEPHELOMETRY	5	0.13	0.832	0.705	0.083
SALINITY vs DISCR SALINITY	4	0.99	-0.800	1.063	0.134

LOCATION: South Bay Channel
DATE: 12 June 1985

STATN NUMBR	DEPTH	TIME	TIDE	DISCR CHL A	DISCR PHARO	CHLA/ A+PHA	FLUOR	CALC CHL A	EXCOF (SD)	CALC EXCOF	DISCR SALIN	SALIN	TEMP
36.0	0.0	830	1	-----	-----	-----	0.082	3.0	-----	2.60	-----	28.51	22.60
32.0	0.0	908	1	-----	-----	-----	0.066	1.9	-----	1.88	-----	27.89	22.10
32.0	0.0	933	1	-----	-----	-----	0.068	1.9	1.30	1.48	-----	28.09	22.20
32.0	2.0	927	1	1.3	0.8	0.62	0.060	1.4	-----	1.73	28.10	28.09	22.30
32.0	10.0	918	1	2.7	1.6	0.63	0.066	1.9	-----	2.60	-----	28.09	21.80
31.0	0.0	841	1	-----	-----	-----	0.061	1.5	-----	1.20	-----	27.89	21.80
30.0	0.0	858	0	-----	-----	-----	0.057	1.2	0.84	0.87	-----	28.38	21.20
30.0	2.0	1015	0	0.8	0.5	0.61	0.054	1.0	-----	0.77	-----	28.58	21.30
30.0	10.0	1004	0	0.8	0.7	0.53	0.052	0.8	-----	1.06	-----	28.68	21.00
29.0	0.0	1026	-1	-----	-----	-----	0.076	2.6	-----	0.78	-----	28.08	20.80
28.0	0.0	1045	-1	-----	-----	-----	0.066	1.9	-----	0.80	-----	28.17	20.80
27.0	0.0	1056	-1	-----	-----	-----	0.063	1.6	0.76	0.76	-----	28.37	20.80
27.0	0.0	1114	-1	-----	-----	-----	0.065	1.8	-----	0.76	-----	28.47	20.50
27.0	2.0	1107	-1	1.4	0.5	0.73	0.062	1.5	-----	0.80	-----	28.47	20.40
27.0	11.0	1103	-1	1.2	0.5	0.71	0.056	1.1	-----	0.06	28.44	28.47	20.30
26.0	0.0	1124	-1	-----	-----	-----	0.077	2.6	-----	0.84	-----	28.57	20.10
25.0	0.0	1137	-1	-----	-----	-----	0.076	2.6	-----	0.00	-----	28.67	19.70
24.0	0.0	1150	-1	-----	-----	-----	0.070	2.1	1.08	1.08	-----	30.16	18.80
24.0	0.0	1208	-1	-----	-----	-----	0.076	2.6	-----	1.06	-----	30.06	19.20
24.0	2.0	1201	-1	1.2	2.1	0.37	0.070	2.1	-----	1.08	-----	30.06	19.10
24.0	8.0	1155	-1	2.3	1.2	0.65	0.070	2.1	-----	1.48	-----	30.16	18.60
23.0	0.0	1218	-1	-----	-----	-----	0.082	3.7	-----	1.21	-----	30.16	18.60
22.0	0.0	1233	-1	-----	-----	-----	0.088	4.2	-----	1.34	-----	30.26	18.10
21.0	0.0	1243	-1	-----	-----	-----	0.108	4.8	-----	-----	-----	30.16	18.00
21.0	0.0	1307	-1	-----	-----	-----	0.082	3.7	-----	0.52	-----	30.16	18.20
21.0	2.0	1301	-1	3.5	1.9	0.65	0.085	3.9	1.48	1.35	-----	30.26	18.40
21.0	7.0	1255	-1	-----	-----	-----	0.111	5.1	-----	1.45	-----	30.26	18.00
21.0	16.0	1249	-1	4.1	1.4	0.75	0.080	3.5	-----	1.50	30.48	30.46	17.30
23.0	0.0	1343	-1	-----	-----	-----	0.070	2.6	-----	1.28	-----	30.16	19.10
24.0	0.0	1351	-1	-----	-----	-----	0.076	2.6	-----	0.84	-----	28.67	20.30
25.0	0.0	1401	-1	-----	-----	-----	0.070	2.1	-----	0.08	-----	28.47	20.40
26.0	0.0	1418	-1	-----	-----	-----	0.060	1.4	-----	0.74	-----	28.17	21.00
27.0	0.0	1427	-1	-----	-----	-----	0.073	2.3	-----	0.00	-----	28.68	21.50
28.0	0.0	1438	-1	-----	-----	-----	0.073	2.3	-----	0.87	-----	28.68	21.70
29.0	0.0	1450	-1	-----	-----	-----	0.070	2.1	-----	0.00	-----	28.28	22.40
30.0	0.0	1511	-1	-----	-----	-----	0.076	2.6	-----	1.14	-----	27.98	22.70

REGRESSION	N	R^2	A	B	Syx
CHL A vs FLUOROMETRY	10	0.82	-2.886	72.718	0.525
EXCOF vs NEPHELOMETRY	5	0.83	0.153	4.788	0.102
SALINITY vs DISCR SALINITY	3	1.00	1.700	0.888	0.044

LOCATION: SOUTH BAY CHANNEL
DATE: 28 JUNE 1985

STATN NUMBR	DEPTH	TIME	TIDE	DISCR CHL A	DISCR PHABO	CHLA/ A+PHA	FLUOR	CALC CHL A	EXCOF (SD)	CALC EXCOF	DISCR SALIN	SALIN	TEMP
32.0	1.0	819	-1	-----	-----	-----	0.072	1.9	1.08	1.05	-----	28.85	22.01
32.0	2.0	816	-1	1.2	0.6	0.67	0.064	1.5	-----	1.05	-----	28.87	22.06
32.0	5.0	806	-1	-----	-----	-----	0.064	1.5	-----	1.20	29.06	29.01	22.06
32.0	8.0	800	-1	1.2	1.1	0.54	0.066	1.6	-----	1.28	-----	28.87	21.01
30.0	1.0	848	-1	-----	-----	-----	0.050	1.2	0.87	0.98	-----	29.16	22.03
30.0	1.0	903	-1	-----	-----	-----	0.063	1.4	-----	0.87	-----	28.85	22.03
30.0	2.0	901	-1	1.2	0.5	0.88	0.050	1.2	-----	0.98	-----	29.10	22.03
30.0	5.0	857	-1	-----	-----	-----	0.054	0.0	-----	1.00	-----	29.15	21.98
30.0	10.0	853	-1	0.8	0.7	0.58	0.055	1.0	-----	0.85	-----	29.24	22.08
29.0	1.0	827	-1	-----	-----	-----	0.062	1.4	-----	0.87	-----	29.28	22.00
28.0	1.0	837	-1	-----	-----	-----	0.067	1.7	-----	0.98	-----	29.38	22.11
27.0	1.0	948	-1	-----	-----	-----	0.061	1.3	0.85	0.94	-----	29.51	22.13
27.0	1.0	1004	-1	-----	-----	-----	0.068	1.8	-----	0.98	-----	29.44	22.25
27.0	2.0	1002	-1	1.3	0.5	0.71	0.050	1.2	-----	0.94	-----	29.44	22.30
27.0	5.0	957	-1	-----	-----	-----	0.053	0.9	-----	1.02	-----	29.47	22.18
27.0	10.0	951	-1	1.0	0.8	0.55	0.052	0.8	-----	1.13	29.43	29.51	22.01
26.0	1.0	1018	-1	-----	-----	-----	0.063	1.5	-----	0.98	-----	29.72	21.78
25.0	1.0	1030	-1	-----	-----	-----	0.064	1.5	-----	0.91	-----	30.07	20.81
24.0	1.0	1042	-1	-----	-----	-----	0.067	1.8	1.08	1.08	-----	30.50	19.88
24.0	1.0	1103	-1	-----	-----	-----	0.060	1.3	-----	0.98	-----	30.34	20.25
24.0	2.0	1050	-1	1.8	0.7	0.70	0.062	1.4	-----	1.02	-----	30.41	19.83
24.0	5.0	1054	-1	-----	-----	-----	0.065	1.5	-----	1.33	-----	30.50	19.37
24.0	8.0	1048	-1	2.8	1.7	0.54	0.068	1.6	-----	1.83	30.58	30.54	19.35
23.0	1.0	1114	-1	-----	-----	-----	0.067	1.7	-----	1.05	-----	30.50	19.78
22.0	1.0	1127	-1	-----	-----	-----	0.068	2.0	-----	1.05	-----	30.87	19.06
21.0	1.0	1137	-1	-----	-----	-----	0.078	2.4	1.04	1.05	-----	30.80	19.50
21.0	1.0	1207	-1	-----	-----	-----	0.070	1.9	-----	1.00	-----	30.80	19.84
21.0	2.0	1204	-1	2.9	0.8	0.77	0.084	2.6	-----	1.05	-----	30.86	19.50
21.0	8.0	1158	-1	-----	-----	-----	0.071	1.9	-----	1.00	-----	30.89	18.74
21.0	15.0	1153	-1	2.8	3.8	0.34	0.078	2.3	-----	2.36	30.86	30.86	18.45
22.0	1.0	1222	1	-----	-----	-----	0.074	2.1	-----	1.00	-----	30.71	19.35
23.0	1.0	1238	1	-----	-----	-----	0.072	1.8	-----	1.10	-----	30.79	19.35
24.0	1.0	1251	1	-----	-----	-----	0.075	2.1	-----	1.02	-----	30.38	20.62
25.0	1.0	1306	1	-----	-----	-----	0.062	1.4	-----	1.16	-----	29.72	21.80
26.0	1.0	1320	1	-----	-----	-----	0.064	1.5	-----	1.25	-----	29.36	22.28
27.0	1.0	1330	1	-----	-----	-----	0.067	1.7	-----	1.04	-----	29.31	22.30
28.0	1.0	1343	1	-----	-----	-----	0.065	1.5	-----	1.15	-----	29.21	22.25
29.0	1.0	1352	1	-----	-----	-----	0.066	1.6	-----	1.04	-----	23.87	22.40
30.0	1.0	1412	1	-----	-----	-----	0.060	2.0	-----	1.13	-----	29.06	22.78

REGRESSION	N	R^2	A	B	Syx
CHL A vs FLUORESCENCE	10	0.81	-2.102	56.336	0.287
EXCOF vs NEPHELOMETRY	5	0.80	0.557	2.247	0.022
SALINITY vs DISCR SALINITY	4	1.00	0.006	1.047	0.071

LOCATION: SOUTH BAY CHANNEL
DATE: 9 JULY 1985

STATN NUMBR	DEPTH	TIME	TIDE	DISCR CHL A	DISCR PHABO	CHLA/ A+PHA	FLUOR	CALC CHL A	EXCOF (SD)	CALC EXCOF	DISCR SALIN	SALIN	TEMP
36.0	1.0	913	-1	-----	-----	-----	0.103	3.2	1.76	1.52	-----	27.09	23.42
36.0	2.0	909	-1	2.9	0.8	0.78	0.087	2.5	-----	1.39	-----	27.62	23.55
36.0	5.0	858	-1	-----	-----	-----	0.072	1.8	-----	1.22	28.45	28.44	23.28
35.0	1.0	927	-1	-----	-----	-----	0.079	2.1	-----	1.23	-----	27.01	23.13
34.0	1.0	933	-1	-----	-----	-----	0.072	1.8	-----	1.19	-----	27.86	23.01
32.0	1.0	953	-1	-----	-----	-----	0.071	1.8	-----	1.18	-----	28.37	23.20
32.0	1.0	1011	-1	-----	-----	-----	0.075	2.0	1.13	1.12	-----	29.05	23.25
32.0	2.0	1000	-1	1.5	0.8	0.67	0.071	1.8	-----	1.11	-----	29.27	23.01
32.0	10.0	858	-1	0.0	1.0	0.48	0.096	2.9	-----	1.24	-----	29.48	23.40
31.0	1.0	1034	-1	-----	-----	-----	0.080	1.8	-----	1.01	-----	29.42	23.08
30.0	1.0	1040	-1	-----	-----	-----	0.080	1.7	-----	0.98	-----	29.50	22.82
30.0	1.0	1050	-1	-----	-----	-----	0.143	5.0	0.87	1.32	-----	29.86	23.10
30.0	1.0	1102	-1	-----	-----	-----	0.090	1.2	-----	0.83	-----	29.48	22.88
30.0	2.0	1058	-1	1.1	0.7	0.81	0.087	2.5	-----	1.03	-----	29.61	23.25
30.0	5.0	1054	-1	-----	-----	-----	0.071	1.7	-----	1.14	-----	29.84	23.13
30.0	11.0	1045	-1	1.5	1.2	0.57	-----	-----	-----	1.37	-----	29.57	23.03
29.0	1.0	1123	-1	-----	-----	-----	0.058	1.2	-----	0.88	-----	29.83	22.18
28.0	1.0	1134	-1	-----	-----	-----	0.057	1.1	-----	0.83	-----	29.80	22.13
27.0	1.0	1143	-1	-----	-----	-----	0.060	1.2	-----	0.78	-----	30.07	22.08
27.0	1.0	1200	-1	-----	-----	-----	0.053	0.0	0.71	0.73	-----	30.07	22.57
27.0	2.0	1204	-1	1.1	0.4	0.74	0.052	0.0	-----	0.72	-----	30.18	23.03
27.0	5.0	1150	-1	-----	-----	-----	0.053	1.0	-----	0.87	-----	30.20	22.37
27.0	10.0	1151	-1	0.8	1.1	0.43	0.056	1.2	-----	1.22	-----	30.12	22.25
26.0	1.0	1224	-1	-----	-----	-----	0.058	1.1	-----	0.73	-----	30.27	22.11
25.0	1.0	1230	-1	-----	-----	-----	0.054	1.0	-----	0.80	-----	30.44	21.84
24.0	1.0	1250	-1	-----	-----	-----	0.050	1.2	-----	0.72	-----	30.81	21.30
24.0	1.0	1312	-1	-----	-----	-----	0.080	1.3	0.76	0.73	-----	30.57	21.37
24.0	2.0	1300	-1	1.6	0.4	0.81	0.055	1.0	-----	0.72	-----	30.86	21.86
24.0	5.0	1305	-1	-----	-----	-----	0.062	1.4	-----	0.82	-----	30.73	21.50
24.0	8.0	1150	-1	1.6	0.7	0.70	0.055	1.0	-----	0.82	30.68	30.70	21.18
23.0	1.0	1328	-1	-----	-----	-----	0.084	2.3	-----	0.88	-----	30.75	20.86
22.0	1.0	1344	1	-----	-----	-----	0.104	3.2	-----	0.78	-----	31.23	19.76
21.0	1.0	1357	1	-----	-----	-----	0.103	3.2	-----	0.78	-----	30.80	21.45
21.0	1.0	1418	1	-----	-----	-----	0.122	4.1	0.80	0.81	-----	30.75	21.58
21.0	2.0	1416	1	5.6	1.5	0.78	0.118	3.9	-----	0.84	-----	30.81	22.11
21.0	7.0	1410	1	-----	-----	-----	0.082	2.2	-----	1.06	-----	31.18	20.28
21.0	15.0	1404	1	3.1	2.8	0.52	0.080	2.2	-----	1.78	31.18	31.08	20.25
22.0	1.0	1432	1	-----	-----	-----	0.123	4.1	-----	0.81	-----	30.84	20.74
23.0	1.0	1444	1	-----	-----	-----	0.121	4.0	-----	0.80	-----	31.05	20.54
24.0	1.0	1458	1	-----	-----	-----	0.081	2.7	-----	0.83	-----	30.82	20.86
25.0	1.0	1508	1	-----	-----	-----	0.071	1.8	-----	1.24	-----	30.73	20.94
26.0	1.0	1520	1	-----	-----	-----	0.083	1.4	-----	1.11	-----	30.44	21.78
27.0	1.0	1531	1	-----	-----	-----	0.084	1.5	-----	1.00	-----	30.31	21.84
28.0	1.0	1540	1	-----	-----	-----	0.085	1.5	-----	0.98	-----	30.25	22.08
29.0	1.0	1548	1	-----	-----	-----	0.058	1.2	-----	1.00	-----	30.14	22.11
30.0	1.0	1805	1	-----	-----	-----	0.058	1.2	-----	0.87	-----	28.84	22.35

DATE: 9 JULY 1985

STATN NUMBR	DEPTH	TIME	TIDE	DISCR CHL A	DISCR PHAEO	CHLA/ A+PHA	FLUOR	CALC CHL A	EXCOF (SD)	CALC EXCOF	DISCR SALIN	SALIN	TEMP

REGRESSION	N	R^2	A	B	Syx
CHL A vs FLUORESCENCE	9	0.46	-1.436	45.045	1.194
EXCOF vs NEPHELOMETRY	6	0.75	0.323	3.229	0.217
SALINITY vs DISCR SALINITY	3	1.00	-0.981	1.000	0.031

LOCATION: SOUTH BAY CHANNEL
DATE: 24 JULY 1985

STATN NUMBR	DEPTH	TIME	TIDE	DISCR CHL A	DISCR PHARO	CHLA/ A+PHA	FLUOR	CALC CHL A	EXCOF (SD)	CALC EXCOF	DISCR SALIN	SALIN	TEMP
36.0	1.0	853	-1	1.8	1.2	0.58	0.087	1.8	1.76	1.57	-----	28.25	22.15
35.0	1.0	900	-1	-----	-----	-----	0.079	1.5	-----	1.52	28.78	28.78	21.90
34.0	1.0	908	-1	-----	-----	-----	0.077	1.4	-----	1.48	-----	28.44	21.80
33.0	1.0	918	-1	-----	-----	-----	0.076	1.4	-----	1.75	-----	29.38	21.83
32.0	1.0	927	-1	-----	-----	-----	0.072	1.3	-----	1.44	-----	30.06	21.88
32.0	1.0	1008	-1	-----	-----	-----	0.068	1.2	1.38	1.40	-----	29.88	22.06
32.0	2.0	1006	-1	1.0	1.0	0.48	0.068	1.2	-----	1.40	-----	29.81	22.03
32.0	10.0	857	-1	1.0	1.6	0.38	0.073	1.3	-----	1.86	-----	30.13	21.80
31.0	1.0	1018	-1	-----	-----	-----	0.077	1.5	-----	1.36	-----	30.18	21.88
30.0	1.0	1034	-1	-----	-----	-----	0.058	0.8	-----	1.12	-----	30.31	21.81
30.0	1.0	1054	-1	-----	-----	-----	0.058	0.8	1.08	1.30	-----	30.21	21.88
30.0	2.0	1051	-1	0.4	0.8	0.34	0.054	0.7	-----	1.18	-----	30.28	22.13
30.0	10.0	1044	-1	0.5	1.2	0.30	0.058	0.8	-----	1.43	-----	30.30	22.01
29.0	1.0	1117	-1	-----	-----	-----	0.060	0.9	-----	1.14	-----	30.30	21.85
28.0	1.0	1127	-1	-----	-----	-----	0.060	0.9	-----	1.12	-----	30.38	21.78
27.0	1.0	1138	-1	-----	-----	-----	0.058	0.8	0.87	1.13	-----	30.47	21.78
27.0	1.0	1150	-1	-----	-----	-----	0.055	0.7	-----	1.04	30.48	30.48	21.85
27.0	2.0	1155	-1	0.5	0.9	0.33	0.051	0.6	-----	1.00	-----	30.49	22.13
27.0	10.0	1148	-1	0.8	2.1	0.28	0.061	0.9	-----	2.03	-----	30.48	21.84
26.0	1.0	1212	-1	-----	-----	-----	0.056	0.8	-----	1.13	-----	30.34	21.80
25.0	1.0	1227	-1	-----	-----	-----	0.057	0.8	-----	0.94	-----	30.85	21.62
24.0	1.0	1257	-1	-----	-----	-----	0.054	0.7	0.88	0.85	-----	31.05	20.41
24.0	2.0	1254	-1	1.0	0.4	0.71	0.052	0.7	-----	0.84	-----	31.11	20.81
24.0	7.0	1247	-1	0.8	0.8	0.50	0.052	0.7	-----	0.80	-----	31.10	20.51
23.0	1.0	1312	-1	-----	-----	-----	0.062	1.0	-----	0.81	-----	31.08	20.25
22.0	1.0	1330	-1	-----	-----	-----	0.063	1.0	-----	0.83	-----	31.08	20.06
21.0	1.0	1348	-1	-----	-----	-----	0.068	1.1	1.08	0.82	-----	31.33	19.13
21.0	2.0	1411	1	1.6	1.4	0.54	0.067	1.1	-----	0.89	-----	31.44	18.70
21.0	13.0	1403	1	1.5	1.9	0.45	0.067	1.1	-----	1.38	31.48	31.48	18.57

REGRESSION	N	R^2	A	B	Syx
CHL A vs FLUORESCENCE	10	0.44	-1.012	32.063	0.318
EXCOF vs NEPHELOMETRY	6	0.74	0.445	2.088	0.187
SALINITY vs DISCR SALINITY	3	1.00	-1.723	1.104	0.022

LOCATION: SOUTH BAY CHANNEL
DATE: 10 SEPTEMBER 1985

STATN NUMBR	DEPTH	TIME	TIDE	DISCR CHL A	DISCR PHAEO	CHLA/ A+PHA	FLUOR	CALC CHL A	EXCOF (SD)	CALC EXCOF	DISCR SALIN	SALIN	TEMP
36.0	0.0	852	1	-----	-----	-----	0.145	5.5	1.55	1.55	-----	28.58	20.21
36.0	2.0	847	1	7.9	2.5	0.76	0.151	5.9	-----	1.58	-----	28.51	20.20
36.0	6.0	838	1	4.2	2.0	0.68	0.141	5.3	-----	1.74	28.58	28.57	20.14
35.0	1.0	902	1	-----	-----	-----	0.156	6.1	-----	1.65	-----	29.06	20.25
34.0	1.0	810	1	-----	-----	-----	0.131	4.9	-----	1.81	-----	29.83	20.18
32.0	0.0	856	1	-----	-----	-----	0.087	2.8	1.01	1.00	-----	31.10	20.65
32.0	2.0	851	1	1.7	0.9	0.67	0.079	2.3	-----	1.05	-----	31.19	20.48
32.0	6.0	845	1	1.4	1.8	0.44	0.078	2.3	-----	1.32	-----	31.28	20.47
32.0	12.0	838	1	-----	-----	-----	0.084	2.8	-----	1.57	-----	31.24	20.32
31.0	1.0	1010	1	-----	-----	-----	0.085	2.7	-----	1.03	-----	31.23	20.48
30.0	2.0	1053	1	1.3	0.8	0.61	0.083	1.8	0.80	0.81	-----	31.80	20.57
30.0	6.0	1048	1	-----	-----	-----	0.081	1.5	-----	1.12	-----	31.80	20.58
30.0	12.0	1036	1	1.2	1.5	0.44	0.086	1.7	-----	1.36	31.44	31.53	20.47
29.0	1.0	1121	1	-----	-----	-----	0.059	1.4	-----	1.00	-----	31.62	20.01
28.0	1.0	1133	1	-----	-----	-----	0.072	2.0	-----	0.93	-----	31.67	19.78
27.0	0.0	1211	-1	-----	-----	-----	0.078	2.3	0.85	0.85	-----	31.63	19.96
27.0	2.0	1205	-1	2.0	0.6	0.77	0.075	2.1	-----	0.87	-----	31.65	19.87
27.0	11.0	1151	-1	1.4	0.8	0.63	0.059	1.4	-----	1.01	-----	31.62	19.78
26.0	1.0	1303	-1	-----	-----	-----	0.101	3.4	-----	0.98	-----	31.55	19.85
25.0	1.0	1317	-1	-----	-----	-----	0.122	4.4	-----	0.96	-----	31.53	19.94
24.0	0.0	1356	-1	-----	-----	-----	0.114	4.1	0.97	0.94	-----	31.72	19.64
24.0	2.0	1350	-1	-----	-----	-----	0.112	4.0	-----	0.85	-----	31.65	19.57
24.0	8.0	1338	-1	4.2	0.7	0.85	0.070	1.9	-----	1.14	-----	31.60	18.98
23.0	1.0	1412	-1	-----	-----	-----	0.103	3.5	-----	0.98	-----	31.89	19.07
22.0	1.0	1425	-1	-----	-----	-----	0.096	3.2	-----	0.98	-----	31.98	18.36
21.0	0.0	1504	-1	-----	-----	-----	0.112	3.8	0.96	0.90	-----	31.79	19.02
21.0	2.0	1458	-1	4.8	1.0	0.82	0.127	4.7	-----	0.82	-----	31.78	18.82
21.0	15.0	1444	-1	2.2	1.7	0.56	0.078	2.2	-----	1.25	31.75	31.86	17.83
22.0	1.0	1521	-1	-----	-----	-----	0.122	4.5	-----	0.98	-----	31.79	18.82
23.0	1.0	1537	-1	-----	-----	-----	0.113	4.0	-----	1.00	-----	31.79	18.85
24.0	1.0	1548	-1	-----	-----	-----	0.148	5.7	-----	0.95	-----	31.74	19.77
26.0	1.0	1618	-1	-----	-----	-----	0.094	3.1	-----	0.88	-----	31.86	19.94
27.0	1.0	1628	-1	-----	-----	-----	0.091	2.9	-----	0.88	-----	31.87	19.98
28.0	1.0	1638	-1	-----	-----	-----	0.083	2.6	-----	0.83	-----	31.56	20.37
30.0	1.0	1707	-1	-----	-----	-----	0.098	3.3	-----	0.95	-----	31.28	20.71

REGRESSION	N	R^2	A	B	Syx
CHL A vs FLUORESCENCE	9	0.54	-1.498	48.650	0.871
EXCOF vs NEPHELOMETRY	6	0.86	0.509	2.435	0.062
SALINITY vs DISCR SALINITY	3	1.00	-1.224	1.085	0.129

LOCATION: SOUTH BAY CHANNEL
DATE: 20 SEPTEMBER 1985

STATN NUMBR	DEPTH	TIME	TIDE	DISCR CHL A	DISCR PHAEO	CHLA/ A+PHA	FLUOR	CALC CHL A	EXCOF (SD)	CALC EXCOF	DISCR SALIN	SALIN	TEMP
30.0	0.0	610	1	-----	-----	-----	0.059	1.7	-----	1.25	31.44	31.43	19.46
30.0	2.0	602	1	1.2	1.1	0.53	0.061	1.8	-----	1.30	-----	31.54	19.47
30.0	12.0	545	1	1.2	1.3	0.48	0.066	1.9	-----	1.38	-----	31.53	19.50
29.0	1.0	637	1	-----	-----	-----	0.064	1.8	-----	1.56	-----	31.64	19.76
28.0	1.0	648	-1	-----	-----	-----	0.065	1.8	-----	1.52	-----	31.80	19.48
27.0	0.0	727	-1	-----	-----	-----	0.060	1.7	1.48	1.45	-----	31.70	19.08
27.0	2.0	718	-1	2.2	1.9	0.54	0.064	1.8	-----	1.57	-----	31.74	19.07
27.0	11.0	709	-1	2.3	1.8	0.56	0.064	1.8	-----	1.67	-----	31.78	19.08
26.0	1.0	743	-1	-----	-----	-----	0.057	1.7	-----	1.49	-----	31.78	19.47
25.0	1.0	756	-1	-----	-----	-----	0.057	1.7	-----	1.44	-----	31.84	19.48
24.0	0.0	841	-1	-----	-----	-----	0.058	1.7	1.31	1.37	-----	31.86	18.74
24.0	2.0	834	-1	1.8	1.0	0.65	0.057	1.7	-----	1.36	-----	31.83	18.75
24.0	10.0	822	-1	1.9	1.1	0.64	0.063	1.8	-----	1.49	-----	31.85	18.49
23.0	1.0	856	-1	-----	-----	-----	0.077	2.1	-----	1.33	-----	31.89	18.60
22.0	1.0	909	-1	-----	-----	-----	0.080	2.1	-----	1.28	-----	31.84	17.83
21.0	0.0	841	-1	-----	-----	-----	0.081	2.1	-----	1.27	-----	31.65	17.82
21.0	2.0	834	-1	2.8	0.8	0.75	0.077	2.1	-----	1.27	-----	31.84	17.76
21.0	15.0	826	-1	2.0	1.6	0.56	0.068	1.9	-----	1.41	31.74	31.76	17.44
22.0	1.0	857	-1	-----	-----	-----	0.080	2.3	-----	1.27	-----	31.73	18.06
23.0	1.0	1013	-1	-----	-----	-----	0.071	1.9	-----	1.37	-----	31.82	18.82
24.0	1.0	1024	-1	-----	-----	-----	0.067	1.8	-----	1.43	-----	31.78	19.24
25.0	1.0	1040	-1	-----	-----	-----	0.068	1.9	-----	1.57	-----	31.73	19.62
26.0	1.0	1055	-1	-----	-----	-----	0.065	1.8	-----	1.42	-----	31.74	19.53
27.0	1.0	1105	-1	-----	-----	-----	0.074	2.0	-----	1.27	-----	31.70	19.82
28.0	1.0	1117	-1	-----	-----	-----	0.067	1.9	-----	1.27	-----	31.58	20.00
29.0	1.0	1128	-1	-----	-----	-----	0.072	2.0	-----	1.24	-----	31.49	20.22
30.0	1.0	1220	1	-----	-----	-----	0.087	2.2	-----	1.21	-----	31.18	20.81
31.0	1.0	1243	1	-----	-----	-----	0.109	2.6	-----	1.23	-----	30.83	20.57
32.0	1.0	1251	1	-----	-----	-----	0.102	2.5	-----	1.22	-----	30.72	20.58
33.0	1.0	1258	1	-----	-----	-----	0.128	2.9	-----	1.29	30.04	30.04	20.58
32.0	0.0	1320	1	-----	-----	-----	0.090	2.3	1.24	1.22	-----	30.62	20.88
32.0	2.0	1310	1	2.4	0.7	0.77	0.090	2.4	-----	1.22	-----	30.57	20.90
32.0	8.0	1312	1	1.2	1.2	0.50	0.077	2.1	-----	1.34	-----	30.84	20.70

REGRESSION	N	R^2	A	B	Syx
CHL A vs FLUORESCENCE	10	0.15	0.669	16.050	0.545
EXCOF vs NEPHELOMETRY	3	0.80	1.014	1.087	0.081
SALINITY vs DISCR SALINITY	3	1.00	-0.841	1.066	0.022

LOCATION: SOUTH BAY CHANNEL
DATE: 25 OCTOBER 1985

STATN NUMBR	DEPTH	TIME	TIDE	DISCR CHL A	DISCR PHAEO	CHLA/ A+PHA	FLUOR	CALC CHL A	EXCOF (SD)	CALC EXCOF	DISCR SAL?#	SALIN	TEMP
30.0	1.0	747	1	-----	-----	-----	0.055	1.4	-----	1.08	-----	30.76	17.22
27.0	0.0	831	1	-----	-----	-----	0.058	1.5	1.49	1.52	-----	31.80	16.96
27.0	2.0	826	1	1.6	1.7	0.48	0.058	1.5	-----	1.53	-----	31.80	16.93
27.0	5.0	822	1	-----	-----	-----	0.061	1.5	-----	1.57	-----	31.80	16.93
27.0	11.0	815	1	1.5	2.4	0.38	0.063	1.6	-----	1.58	-----	31.78	16.97
26.0	1.0	849	1	-----	-----	-----	0.064	1.6	-----	1.71	-----	31.74	17.15
25.0	1.0	1003	1	-----	-----	-----	0.067	1.7	-----	1.62	-----	31.65	17.16
24.0	0.0	1041	1	-----	-----	-----	0.066	1.6	1.55	1.52	-----	31.58	16.15
24.0	2.0	1037	1	1.6	2.8	0.36	0.069	1.7	-----	1.84	-----	31.55	16.13
24.0	5.0	1032	1	-----	-----	-----	0.070	1.7	-----	1.85	-----	31.54	16.16
24.0	8.0	1025	1	1.9	2.7	0.42	0.071	1.7	-----	2.12	31.53	31.53	16.21
21.0	0.0	1155	-1	-----	-----	-----	0.082	1.9	1.08	1.08	-----	31.09	15.82
21.0	2.0	1152	-1	2.2	1.2	0.65	0.091	2.1	-----	1.19	-----	31.13	15.71
21.0	5.0	1148	-1	-----	-----	-----	0.083	1.9	-----	1.30	-----	31.48	15.45
21.0	10.0	1142	-1	-----	-----	-----	0.087	2.0	-----	1.47	-----	31.98	15.15
21.0	15.0	1137	-1	2.0	3.1	0.39	0.091	2.1	-----	1.83	31.98	31.98	15.13
22.0	1.0	1250	-1	-----	-----	-----	0.100	2.2	-----	1.15	-----	31.20	15.51
23.0	1.0	1308	-1	-----	-----	-----	0.100	2.2	-----	1.15	-----	31.40	15.73
24.0	1.0	1322	-1	-----	-----	-----	0.100	2.2	-----	1.19	-----	31.53	16.03
25.0	1.0	1337	-1	-----	-----	-----	0.089	2.0	-----	1.16	-----	31.67	17.36
26.0	1.0	1354	-1	-----	-----	-----	0.074	1.8	-----	1.21	-----	31.70	17.35
27.0	1.0	1405	-1	-----	-----	-----	0.075	1.8	-----	1.15	-----	31.77	17.35
28.0	1.0	1417	-1	-----	-----	-----	0.074	1.8	-----	1.13	-----	31.71	17.49
29.0	1.0	1431	-1	-----	-----	-----	0.074	1.8	-----	1.13	-----	31.30	17.41
30.0	1.0	1457	-1	-----	-----	-----	0.080	2.0	-----	1.17	-----	30.40	17.81

REGRESSION	N	R^2	A	B	Syx
CHL A vs FLUORESCENCE	6	0.77	0.477	17.555	0.150
EXCOF vs NEPHELOMETRY	3	0.99	0.731	1.681	0.040
SALINITY vs DISCR SALINITY	3	1.00	-2.185	1.112	0.027

LOCATION: SOUTH BAY CHANNEL
DATE: 21 NOVEMBER 1985

STATN NUMBR	DEPTH	TIME	TIDE	DISCR CHL A	DISCR PHABO	CHLA/ A+PHA	FLUOR	CALC CHL A	EXCOF (SD)	CALC EXCOF	DISCR SALIN	SALIN	TEMP
32.0	0.0	1004	-1	-----	-----	-----	0.055	1.2	1.31	1.21	29.22	29.22	11.83
32.0	2.0	1003	-1	0.9	1.6	0.37	0.055	1.2	-----	1.30	-----	29.40	11.89
32.0	7.5	10	-1	-----	-----	-----	0.055	1.2	-----	1.53	-----	29.54	11.93
31.0	1.0	1023	-1	-----	-----	-----	0.055	1.2	-----	1.28	-----	29.78	12.37
30.0	0.0	1057	-1	-----	-----	-----	0.050	1.0	1.08	1.15	-----	29.96	12.64
30.0	2.0	1050	-1	0.8	1.8	0.34	0.051	1.1	-----	1.30	-----	29.82	12.55
30.0	13.0	1046	-1	-----	-----	-----	0.057	1.2	-----	1.83	-----	29.96	12.54
29.0	1.0	1123	-1	-----	-----	-----	0.056	1.2	-----	1.11	30.25	30.25	12.65
28.0	1.0	1132	-1	-----	-----	-----	0.056	1.2	-----	1.23	-----	30.32	12.80
27.0	0.0	1203	-1	-----	-----	-----	0.051	1.1	1.18	1.18	-----	30.27	13.02
27.0	2.0	1156	-1	1.3	0.8	0.64	0.052	1.1	-----	1.18	-----	30.25	12.81
27.0	13.0	1150	-1	-----	-----	-----	0.058	1.3	-----	1.83	-----	30.28	12.84
26.0	1.0	1215	-1	-----	-----	-----	0.059	1.3	-----	1.35	-----	30.29	12.80
25.0	1.0	1228	-1	-----	-----	-----	0.068	1.4	-----	1.77	-----	30.35	12.76
24.0	0.0	1302	-1	-----	-----	-----	0.064	1.4	1.76	1.74	-----	30.18	13.05
24.0	2.0	1255	-1	1.9	1.6	0.54	0.065	1.4	-----	1.79	-----	30.17	12.87
24.0	9.0	1250	-1	-----	-----	-----	0.068	1.4	-----	2.01	-----	30.20	13.01
23.0	1.0	1317	-1	-----	-----	-----	0.074	1.6	-----	1.87	-----	30.34	12.81
22.0	1.0	1329	-1	-----	-----	-----	0.075	1.7	-----	1.75	-----	30.22	12.41
21.0	0.0	1356	-1	1.7	1.8	0.48	0.083	1.8	1.49	1.54	-----	30.00	12.11
21.0	15.0	1348	-1	-----	-----	-----	0.083	1.8	-----	1.81	30.01	30.01	12.18
22.0	1.0	1415	-1	-----	-----	-----	0.092	2.1	-----	1.84	-----	30.09	12.40
23.0	1.0	1431	-1	-----	-----	-----	0.086	1.9	-----	1.78	-----	30.31	12.86
24.0	1.0	1446	-1	-----	-----	-----	0.087	1.9	-----	1.82	-----	30.28	13.00
25.0	1.0	1502	-1	-----	-----	-----	0.088	2.0	-----	1.84	-----	30.28	12.86
27.0	1.0	1528	1	-----	-----	-----	0.080	2.0	-----	1.42	-----	30.14	12.71
28.0	1.0	1537	1	-----	-----	-----	0.081	2.0	-----	1.40	-----	70.00	12.78
29.0	1.0	1554	1	-----	-----	-----	0.101	2.3	-----	1.13	-----	29.53	12.58
30.0	1.0	1612	1	-----	-----	-----	0.115	2.6	-----	1.11	-----	28.89	12.26

REGRESSION	N	R^2	A	B	Syx
CHL A vs FLUORESCENCE	5	0.45	-0.146	24.019	0.408
EXCOF vs NEPHELOMETRY	5	0.84	0.373	2.446	0.078
SALINITY vs DISCR SALINITY	3	1.00	0.000	1.000	0.000

LOCATION: SOUTH BAY CHANNEL
DATE: 30 JAN 1986

STATN NUMBR	DEPTH	TIME	TIDE	DISCR CHL A	DISCR PHAEO	CHLA/ A+PHA	FLUOR	CALC CHL A	EXCOF (SD)	CALC EXCOF	DISCR SALIN	SALIN	TEMP
30.0	1.0	850	-1	-----	-----	-----	0.084	0.8	-----	1.62	-----	28.31	12.41
29.0	1.0	908	-1	-----	-----	-----	0.075	0.5	-----	1.42	-----	28.73	12.37
28.0	1.0	918	-1	-----	-----	-----	0.080	0.8	-----	1.47	-----	28.72	12.27
27.0	1.0	927	-1	-----	-----	-----	0.091	0.7	-----	1.82	-----	28.78	12.22
26.0	1.0	936	-1	-----	-----	-----	0.094	0.7	-----	1.88	-----	28.78	12.25
25.0	1.0	951	-1	-----	-----	-----	0.101	0.8	-----	1.46	-----	28.73	12.31
24.0	1.0	1004	-1	-----	-----	-----	0.107	0.8	-----	1.58	-----	28.56	12.37
23.0	1.0	1017	-1	-----	-----	-----	0.112	1.0	-----	1.45	-----	28.53	12.47
22.0	1.0	1035	0	-----	-----	-----	0.110	1.0	-----	1.30	-----	28.64	12.55
21.0	0.0	1115	1	-----	-----	-----	0.118	1.1	1.39	1.34	-----	28.58	12.85
21.0	1.0	1048	0	-----	-----	-----	0.123	1.1	-----	1.32	-----	28.45	12.53
21.0	2.0	1113	1	1.3	1.1	0.54	0.118	1.1	-----	1.41	-----	28.61	12.84
21.0	8.0	1106	1	-----	-----	-----	0.121	1.1	-----	1.67	-----	28.60	12.75
21.0	15.0	1058	0	1.8	3.8	0.32	0.139	1.3	-----	2.84	28.62	28.62	12.66
22.0	1.0	1129	1	-----	-----	-----	0.138	1.3	-----	1.22	-----	28.42	12.71
23.0	1.0	1143	1	-----	-----	-----	0.132	1.2	-----	1.43	-----	28.45	12.60
24.0	0.0	1214	1	-----	-----	-----	0.136	1.3	1.96	1.98	-----	28.50	12.98
24.0	2.0	1212	1	1.4	2.2	0.39	0.136	1.3	-----	1.98	-----	28.48	12.82
24.0	10.0	1204	1	1.3	2.8	0.32	0.143	1.4	-----	2.52	-----	28.49	12.56
25.0	1.0	1231	1	-----	-----	-----	0.142	1.4	-----	1.86	-----	29.51	12.50
26.0	1.0	1244	1	-----	-----	-----	0 139	1.3	-----	1.82	-----	28.80	12.40
27.0	0.0	1315	1	-----	-----	-----	0.131	1.2	1.61	1.55	-----	28.87	12.50
27.0	1.0	1253	1	-----	-----	-----	0.136	1.3	-----	1.81	-----	28.73	12.38
27.0	2.0	1311	1	1.2	0.8	0.61	0.131	1.2	-----	1.51	28.87	28.87	12.49
27.0	12.0	1305	1	1.0	1.9	0.35	0.137	1.3	-----	1.89	-----	28.84	12.41
28.0	1.0	1327	1	-----	-----	-----	0.133	1.3	-----	1.52	-----	28.86	12.28
28.0	1.0	1338	1	-----	-----	-----	0.132	1.3	-----	1.87	-----	28.87	12.24
30.0	0.0	1416	1	-----	-----	-----	0.127	1.2	1.24	1.33	-----	28.87	12.01
30.0	1.0	1355	1	-----	-----	-----	0.128	1.2	-----	1.41	-----	28.82	12.32
30.0	2.0	1414	1	1.0	0.7	0.57	0.127	1.2	-----	1.38	-----	28.85	12.84
30.0	15.0	1407	1	1.0	1.2	0.45	0.130	1.2	-----	1.66	-----	28.84	12.64

REGRESSION	N	R^2	A	B	Syx
CHL A vs FLUORESCENCE	8	0.13	-0.478	13.050	0.259
EXCOF vs NEPHELOMETRY	4	0.95	0.808	1.516	0.085
SALINITY vs DISCR SALINITY	2	1.00	0.732	0.689	

LOCATION: SOUTH BAY CHANNEL
DATE: 19 FEB 1986

STATN NUMBR	DEPTH	TIME	TIDE	DISCR CHL A	DISCR PHAEO	CHLA/ A+PHA	FLUOR	CALC CHL A	EXCOF (SD)	CALC EXCOF	DISCR SALIN	SALIN	TEMP
36.0	0.0	1017	-1	-----	-----	-----	0.108	0.8	7.67	7.24	-----	11.24	14.08
36.0	2.0	1012	-1	0.3	1.1	0.22	0.086	0.7	-----	4.28	-----	16.21	13.88
36.0	4.0	1007	-1	-----	-----	-----	0.063	0.6	-----	2.84	-----	23.45	13.50
36.0	7.0	955	-1	0.6	0.6	0.50	0.055	0.5	-----	2.01	-----	24.34	13.49
35.0	1.0	1030	-1	-----	-----	-----	0.086	0.7	-----	3.84	-----	15.96	13.83
34.0	1.0	1036	-1	-----	-----	-----	0.139	1.0	-----	7.84	-----	13.78	14.15
33.0	1.0	1048	-1	-----	-----	-----	0.085	0.7	-----	2.54	-----	19.87	13.83
32.0	1.0	1055	-1	-----	-----	-----	0.082	0.7	-----	2.39	-----	19.61	13.87
32.0	2.0	1111	-1	0.5	0.7	0.41	0.091	0.7	-----	2.37	-----	20.27	13.83
32.0	5.0	1106	-1	-----	-----	-----	0.071	0.6	-----	1.44	-----	24.65	13.40
32.0	12.0	1101	-1	0.7	1.7	0.30	0.080	0.7	-----	3.27	24.88	24.88	13.32
31.0	1.0	1132	-1	-----	-----	-----	0.087	0.7	-----	1.53	-----	23.00	13.72
30.0	0.0	1215	-1	-----	-----	-----	0.098	0.8	1.39	1.26	-----	24.08	13.78
30.0	2.0	1212	-1	0.7	0.8	0.46	0.087	0.8	-----	1.25	-----	24.08	13.80
30.0	14.0	1202	-1	0.6	1.2	0.35	0.088	0.7	-----	1.50	-----	25.11	13.58
29.0	1.0	1240	-1	-----	-----	-----	0.114	0.8	-----	1.55	-----	24.29	13.71
28.0	1.0	1250	-1	-----	-----	-----	0.107	0.8	-----	1.29	-----	25.16	13.66
27.0	0.0	1327	-1	-----	-----	-----	0.120	0.9	-----	1.51	-----	24.42	13.98
27.0	2.0	1319	-1	1.3	1.0	0.56	0.119	0.9	-----	1.44	-----	24.42	14.07
27.0	10.0	1309	-1	0.9	3.5	0.21	0.128	0.9	-----	4.01	-----	25.13	13.69
26.0	1.0	1340	-1	-----	-----	-----	0.130	0.9	-----	1.44	-----	22.55	14.01
25.0	1.0	1354	-1	-----	-----	-----	0.127	0.9	-----	1.46	-----	21.47	14.02
24.0	0.0	1433	-1	-----	-----	-----	0.133	0.9	1.78	1.47	-----	18.88	14.25
24.0	2.0	1427	-1	1.1	0.7	0.60	0.135	1.0	-----	1.48	18.77	18.80	14.28
24.0	5.0	1420	-1	-----	-----	-----	0.124	0.9	-----	1.44	-----	20.89	14.03
24.0	8.0	1414	-1	0.8	1.2	0.40	0.122	0.9	-----	1.81	-----	24.44	13.83
23.0	1.0	1451	-1	-----	-----	-----	0.145	1.0	-----	1.51	-----	17.57	13.95
22.0	1.0	1503	-1	-----	-----	-----	0.149	1.0	-----	1.70	-----	16.81	13.96
21.0	0.0	1548	-1	-----	-----	-----	0.161	1.1	1.39	2.73	-----	14.47	14.07
21.0	1.0	1519	-1	-----	-----	-----	0.159	1.1	-----	2.68	-----	14.46	13.92
21.0	2.0	1541	-1	1.0	1.4	0.41	0.160	1.1	-----	2.74	14.48	14.45	14.13
21.0	5.0	1537	-1	-----	-----	-----	0.161	1.1	-----	2.70	-----	14.45	14.06
21.0	10.0	1533	-1	-----	-----	-----	0.144	1.0	-----	2.04	-----	20.10	13.95
21.0	15.0	1527	-1	0.8	1.4	0.37	0.140	1.0	-----	2.09	21.69	21.68	13.90

REGRESSION	N	R^2	A	B	Syx
CHL A vs FLUORESCENCE	10	0.39	0.127	5.422	0.188
EXCOF vs NEPHELOMETRY	4	0.91	0.048	3.768	1.139
SALINITY vs DISCR SALINITY	4	1.00	-0.080	1.048	0.017

LOCATION: SOUTH BAY CHANNEL
DATE: 27 FEB 1996

STATN NUMBR	DEPTH	TIME	TIDE	DISCR CHL A	DISCR PHAEO	CHLA/ A+PHA	FLUOR	CALC CHL A	EXCOF (SD)	CALC EXCOF	DISCR SALIN	SALIN	TEMP
30.0	1.0	742	-1	-----	-----	-----	0.076	-----	-----	1.62	-----	11.14	15.50
29.0	1.0	801	-1	-----	-----	-----	0.074	-----	-----	1.55	-----	10.84	15.13
28.0	1.0	812	-1	-----	-----	-----	0.072	-----	-----	1.42	-----	10.76	14.96
27.0	1.0	822	-1	-----	-----	-----	0.074	-----	-----	1.43	-----	10.74	14.93
26.0	1.0	831	0	-----	-----	-----	0.075	-----	-----	1.43	-----	10.82	14.87
25.0	1.0	845	0	-----	-----	-----	0.075	-----	-----	1.48	-----	10.54	14.58
24.0	1.0	857	1	-----	-----	-----	0.087	-----	-----	1.65	-----	9.83	14.38
23.0	1.0	918	1	-----	-----	-----	0.086	-----	-----	1.68	-----	9.78	14.22
22.0	1.0	928	1	-----	-----	-----	0.094	-----	-----	1.61	-----	9.50	14.22
21.0	0.0	1017	1	-----	-----	-----	0.117	0.8	2.58	2.61	9.16	9.18	13.86
21.0	2.0	1008	1	0.8	0.3	0.74	0.113	0.6	-----	2.58	-----	9.28	14.37
21.0	7.0	1002	1	-----	-----	-----	0.087	-----	-----	1.66	-----	11.08	14.45
21.0	13.0	954	1	0.8	0.1	0.85	0.096	-----	-----	1.95	12.45	12.47	14.33
22.0	1.0	1030	1	-----	-----	-----	0.118	0.9	-----	2.36	-----	8.58	13.87
23.0	1.0	1042	1	-----	-----	-----	0.118	0.8	-----	1.63	-----	9.14	14.15
24.0	0.0	1118	1	-----	-----	-----	0.123	1.1	1.76	1.63	-----	9.52	14.82
24.0	2.0	1111	1	1.2	0.1	0.94	0.122	1.0	-----	1.88	-----	9.63	14.80
24.0	5.0	1105	1	-----	-----	-----	0.116	0.7	-----	1.81	-----	12.28	14.57
24.0	8.0	1058	1	0.6	0.9	0.40	0.140	1.9	-----	3.73	-----	14.40	14.35
25.0	1.0	1136	1	-----	-----	-----	0.127	1.3	-----	1.67	-----	9.64	14.58
26.0	1.0	1150	1	-----	-----	-----	0.152	2.5	-----	1.49	-----	9.62	14.89
27.0	0.0	1219	1	-----	-----	-----	0.129	1.4	1.34	1.34	10.57	10.54	15.72
27.0	8.0	1214	1	1.8	0.1	0.94	0.133	1.6	-----	1.38	-----	10.57	15.50
27.0	11.0	1206	1	1.1	0.8	0.60	0.127	1.3	-----	1.48	-----	10.68	15.32
28.0	1.0	1236	1	-----	-----	-----	0.142	2.1	-----	1.35	-----	10.48	15.19
29.0	1.0	1244	1	-----	-----	-----	0.160	3.0	-----	1.41	-----	10.30	15.27
30.0	0.0	1324	1	-----	-----	-----	0.184	3.1	1.24	1.34	-----	10.42	16.04
30.0	2.0	1318	1	5.2	0.5	0.82	0.180	3.4	-----	1.35	-----	10.44	15.95
30.0	15.0	1311	1	1.0	0.8	0.51	0.137	1.8	-----	1.70	-----	10.69	15.76
31.0	1.0	1342	1	-----	-----	-----	0.157	2.8	-----	1.44	-----	10.83	15.58
32.0	0.0	1415	1	-----	-----	-----	0.158	2.8	1.48	1.38	-----	10.88	16.72
32.0	2.0	1410	1	1.7	0.4	0.82	0.148	2.2	-----	1.40	-----	10.82	16.38
32.0	10.0	1402	1	1.3	0.4	0.76	0.141	2.0	-----	1.55	-----	11.05	16.33
33.0	1.0	1425	1	-----	-----	-----	0.154	2.6	-----	1.42	-----	11.08	16.09

REGRESSION	N	R^2	A	B	Syx
CHL A vs FLUORESCENCE	10	0.54	-5.035	40.824	0.074
EXCOF vs NEPHELOMETRY	5	0.96	1.093	1.086	0.127
SALINITY vs DISCR SALINITY	3	1.00	-0.358	1.090	0.047

LOCATION: SOUTH BAY CHANNEL
DATE: 11 MAR 1986

STATN NUMBR	DEPTH	TIME	TIDE	DISCR CHL A	DISCR PHAEO	CHLA/ A+PHA	FLUOR	CALC CHL A	EXCOF (SD)	CALC EXCOF	DISCR SALIN	SALIN	TEMP
30.0	1.0	738	1	-----	-----	-----	0.110	1.5	-----	2.27	-----	11.54	14.66
29.0	1.0	758	1	-----	-----	-----	0.083	0.7	-----	2.23	-----	13.21	14.71
28.0	1.0	809	1	-----	-----	-----	0.094	0.7	-----	2.18	-----	13.88	14.54
27.0	1.0	821	1	-----	-----	-----	0.098	0.9	-----	2.63	-----	14.80	0.14
26.0	1.0	831	1	-----	-----	-----	0.094	0.7	-----	1.78	-----	14.71	14.38
25.0	1.0	846	1	-----	-----	-----	0.072	-----	-----	1.83	-----	14.88	14.08
24.0	1.0	902	1	-----	-----	-----	0.071	-----	-----	2.05	-----	15.01	14.35
23.0	1.0	915	1	-----	-----	-----	0.074	-----	-----	1.67	-----	14.48	14.25
22.0	1.0	936	1	-----	-----	-----	0.088	0.4	-----	3.68	-----	10.85	14.27
21.0	0.0	1028	1	-----	-----	-----	0.105	1.2	4.03	3.95	10.24	10.23	14.42
21.0	2.0	1022	1	1.6	1.6	0.50	0.107	1.3	-----	4.32	-----	11.48	14.33
21.0	5.0	1016	1	-----	-----	-----	0.121	2.1	-----	5.88	-----	13.85	14.33
21.0	10.0	1008	1	-----	-----	-----	0.109	1.4	-----	4.71	-----	13.88	14.33
21.0	15.0	1001	1	-----	-----	-----	0.105	1.2	-----	4.48	13.99	14.04	14.34
22.0	1.0	1044	1	-----	-----	-----	0.103	1.1	-----	3.48	-----	10.12	14.34
23.0	1.0	1055	1	-----	-----	-----	0.102	1.1	-----	2.86	-----	8.85	14.48
23.0	1.0	1050	1	-----	-----	-----	0.111	1.5	-----	2.80	8.33	8.34	14.53
24.0	0.0	1138	1	-----	-----	-----	0.111	1.5	2.58	2.78	-----	10.99	14.78
24.0	2.0	1135	1	1.6	0.9	0.65	0.104	1.2	-----	2.81	-----	13.48	14.58
24.0	5.0	1128	1	-----	-----	-----	0.107	1.3	-----	3.23	-----	14.85	14.48
24.0	10.0	1120	1	2.2	2.7	0.45	0.128	2.3	-----	5.32	16.62	16.64	14.48
25.0	1.0	1155	1	-----	-----	-----	0.114	1.7	-----	2.33	-----	11.54	14.52
26.0	1.0	1207	1	-----	-----	-----	0.111	1.6	-----	2.53	-----	15.71	14.44
27.0	0.0	1237	1	-----	-----	-----	0.110	2.0	1.96	1.86	-----	15.11	14.83
27.0	2.0	1233	1	1.9	1.1	0.63	0.110	1.8	-----	1.87	-----	15.08	14.78
27.0	10.0	1225	1	1.5	1.6	0.48	0.113	1.6	-----	2.77	-----	15.53	14.61
28.0	1.0	1254	0	-----	-----	-----	0.136	2.8	-----	1.87	-----	14.80	14.71
30.0	2.0	1345	-1	6.0	2.3	0.72	0.185	5.3	-----	1.91	-----	13.89	15.23
30.0	5.0	1338	-1	-----	-----	-----	0.145	3.2	-----	1.82	-----	14.25	15.08
30.0	15.0	1332	-1	2.8	1.8	0.58	0.135	2.8	-----	2.40	14.58	14.50	14.91
31.0	1.0	1412	-1	-----	-----	-----	0.188	4.5	-----	1.87	-----	12.74	15.21
32.0	0.0	1442	-1	-----	-----	-----	0.180	5.0	1.96	1.89	-----	11.54	15.57
32.0	2.0	1438	-1	4.0	1.4	0.75	0.186	4.3	-----	2.10	-----	12.08	15.36
32.0	10.0	1430	-1	2.4	2.3	0.51	0.148	3.3	-----	2.81	-----	13.74	14.98
33.0	1.0	1456	-1	-----	-----	-----	0.186	5.3	-----	3.01	-----	11.70	15.21
30.0	0.0	1530	-1	-----	-----	-----	0.178	4.8	1.96	1.82	-----	13.80	15.22

REGRESSION	N	R^2	A	B	Syx
CHL A vs FLUORESCENCE	8	0.91	-4.036	50.241	0.478
EXCOF vs NEPHELOMETRY	5	0.98	0.780	2.036	0.133
SALINITY vs DISCR SALINITY	5	1.00	0.053	1.037	0.053

LOCATION: SOUTH BAY CHANNEL
DATE: 19 MAR 1986

STATN NUMBR	DEPTH	TIME	TIDE	DISCR CHL A	DISCR PHAEO	CHLA/ A+PHA	FLUOR	CALC CHL A	EXCOF (SD)	CALC EXCOF	DISCR SALIN	SALIN	TEMP
30.0	1.0	742	-1	-----	-----	-----	0.212	4.1	-----	1.47	-----	8.20	14.63
31.0	1.0	758	-1	-----	-----	-----	0.150	2.3	-----	1.30	-----	9.01	14.24
32.0	1.0	807	-1	-----	-----	-----	0.129	1.7	-----	1.42	-----	9.38	14.39
33.0	1.0	814	-1	-----	-----	-----	0.141	2.0	-----	1.85	-----	8.10	14.51
34.0	1.0	828	-1	-----	-----	-----	0.153	2.4	-----	3.08	-----	4.84	14.04
35.0	1.0	836	-1	-----	-----	-----	0.102	0.9	-----	2.32	-----	8.50	14.45
36.0	0.0	848	-1	1.6	0.6	0.74	0.082	0.6	2.82	2.78	9.34	9.30	14.13
35.0	1.0	859	-1	-----	-----	-----	0.108	1.0	-----	2.45	-----	8.75	14.41
34.0	0.0	908	-1	-----	-----	-----	0.146	2.2	-----	3.58	4.56	4.58	14.24
34.0	1.0	906	-1	-----	-----	-----	0.146	2.2	-----	-----	-----	4.37	14.27
33.0	1.0	918	-1	-----	-----	-----	0.183	2.7	-----	2.35	-----	8.35	14.13
32.0	1.0	923	-1	-----	-----	-----	0.135	1.8	-----	1.82	-----	8.81	14.40
31.0	1.0	931	-1	-----	-----	-----	0.137	1.9	-----	1.29	-----	9.56	14.51
30.0	1.0	945	-1	-----	-----	-----	0.404	9.8	-----	1.23	-----	8.84	14.37
29.0	1.0	1004	-1	-----	-----	-----	0.176	3.0	-----	1.20	-----	8.48	14.37
28.0	1.0	1014	-1	-----	-----	-----	0.129	1.7	-----	1.27	-----	8.72	14.18
27.0	1.0	1023	-1	-----	-----	-----	0.116	1.3	-----	1.27	-----	8.88	14.03
26.0	1.0	1032	-1	-----	-----	-----	0.106	1.0	-----	1.22	-----	10.13	14.10
25.0	1.0	1044	-1	-----	-----	-----	0.120	1.4	-----	1.23	-----	8.82	13.78
24.0	1.0	1057	-1	-----	-----	-----	0.123	1.5	-----	1.54	-----	7.66	13.68
23.0	1.0	1108	-1	-----	-----	-----	0.106	1.0	-----	1.68	-----	7.51	13.34
22.0	1.0	1120	-1	-----	-----	-----	0.112	1.2	-----	1.58	-----	7.88	13.55
21.0	0.0	1310	-1	1.1	0.3	0.80	0.121	1.4	1.38	1.52	-----	7.85	14.47
21.0	2.0	1306	-1	-----	-----	-----	0.122	1.5	-----	1.42	-----	8.22	14.48
21.0	5.0	1258	-1	-----	-----	-----	0.120	1.4	-----	1.84	-----	10.31	14.49
21.0	10.0	1254	-1	-----	-----	-----	0.123	1.5	-----	1.72	11.48	11.48	14.52
21.0	15.0	1248	-1	0.5	0.5	0.54	0.000	0.8	-----	1.76	27.73	27.74	14.42
22.0	1.0	1328	1	-----	-----	-----	0.121	1.4	-----	1.51	-----	7.53	13.54
23.0	1.0	1343	1	-----	-----	-----	0.128	1.7	-----	1.43	-----	7.84	13.40
24.0	0.0	1415	1	2.1	0.2	0.82	0.140	2.0	1.31	1.34	-----	7.80	14.40
24.0	2.0	1411	1	-----	-----	-----	0.140	2.0	-----	1.33	-----	8.15	14.47
24.0	5.0	1406	1	-----	-----	-----	0.131	1.7	-----	1.25	-----	10.57	14.88
24.0	9.0	1402	1	0.4	0.6	0.41	0.103	0.9	-----	1.83	-----	25.32	14.56
25.0	1.0	1438	1	-----	-----	-----	0.187	3.6	-----	1.22	-----	8.48	14.43
26.0	1.0	1450	1	-----	-----	-----	0.221	4.3	-----	1.21	-----	8.30	15.01
27.0	0.0	1528	1	6.5	1.3	0.84	0.211	4.0	1.31	1.21	-----	8.27	16.13
27.0	2.0	1522	1	-----	-----	-----	0.218	4.2	-----	1.33	-----	8.07	15.48
27.0	6.0	1515	1	-----	-----	-----	0.144	2.1	-----	1.24	-----	10.37	15.18
27.0	11.0	1510	1	0.2	1.2	0.17	0.112	1.2	-----	1.88	-----	22.27	14.78
28.0	1.0	1543	1	-----	-----	-----	0.281	6.1	-----	1.38	-----	8.87	14.84
29.0	0.0	1618	1	8.5	2.2	0.79	0.254	5.3	1.27	1.35	-----	9.41	15.84
29.0	2.0	1614	1	-----	-----	-----	0.204	3.8	-----	1.30	-----	9.71	15.42
29.0	6.0	1610	1	-----	-----	-----	0.154	2.4	-----	1.48	-----	10.43	14.84
29.0	12.0	1603	1	0.5	1.0	0.36	0.122	1.5	-----	1.57	-----	17.82	14.88
30.0	0.0	1710	1	5.2	1.6	0.77	0.354	8.2	1.30	1.28	-----	9.19	16.03
30.0	2.0	1704	1	-----	-----	-----	0.203	3.8	-----	1.36	-----	9.54	15.37

DATE: 10 MAR 1986

STATN NUMBR	DEPTH	TIME	TIDE	DISCR CHL A	DISCR PHAEO	CHLA/ A+PHA	FLUOR	CALC CHL A	EXCOF (SD)	CALC EXCOF	DISCR SALIN	SALIN	TEMP
30.0	8.0	1650	1	-----	-----	-----	0.182	2.6	-----	1.71	-----	10.68	14.83
30.0	13.0	1653	1	-----	-----	-----	0.138	2.0	-----	2.71	-----	16.82	14.76

REGRESSION	N	R^2	A	B	Syx
CHL A vs FLUORESCENCE	8	0.85	-2.045	28.832	1.983
EXCOF vs NEPHELOMETRY	6	0.97	0.324	3.407	0.108
SALINITY vs DISCR SALINITY	4	1.00	-0.022	1.046	0.038

LOCATION: SOUTH BAY CHANNEL
DATE: 21 MAR 1986

STATN NUMBR	DEPTH	TIME	TIDE	DISCR CHL A	DISCR PHAEO	CHLA/ A+PHA	FLUOR	CALC CHL A	EXCOF (SD)	CALC EXCOF	DISCR SALIN	SALIN	TEMP
30.0	1.0	734	1	-----	-----	-----	0.180	8.7	-----	1.21	-----	8.63	15.22
31.0	1.0	746	1	-----	-----	-----	0.307	17.7	-----	1.21	-----	8.74	15.16
32.0	0.0	827	1	-----	-----	-----	0.320	18.6	1.24	1.27	-----	8.66	15.44
32.0	2.0	824	1	17.0	4.5	0.79	0.254	13.7	-----	1.26	-----	8.90	15.43
32.0	5.0	819	1	-----	-----	-----	0.201	9.8	-----	1.20	-----	8.88	15.44
32.0	7.0	814	1	-----	-----	-----	0.171	7.4	-----	1.15	-----	9.15	15.29
32.0	10.0	809	1	1.5	1.2	0.56	0.077	0.2	-----	0.73	-----	12.62	14.26
31.0	1.0	841	1	-----	-----	-----	0.357	21.4	-----	1.29	-----	8.62	15.11
30.0	0.0	831	1	-----	-----	-----	0.330	19.4	1.31	1.24	-----	8.57	15.83
30.0	2.0	828	1	22.0	6.1	0.78	0.355	21.3	-----	1.28	-----	8.56	15.70
30.0	5.0	822	1	-----	-----	-----	0.129	4.1	-----	1.27	-----	9.13	15.63
30.0	7.0	818	1	-----	-----	-----	0.108	2.5	-----	1.10	-----	10.54	15.15
30.0	10.0	813	1	-----	-----	-----	0.072	-----	-----	0.96	-----	15.38	14.40
30.0	12.0	809	1	-----	-----	-----	0.062	-----	-----	1.10	-----	18.37	14.31
30.0	14.0	803	1	0.8	1.2	0.41	0.060	-----	-----	0.89	18.68	19.75	14.38
29.0	1.0	1008	-1	-----	-----	-----	0.178	8.0	-----	1.24	-----	8.13	14.75
29.0	1.0	1008	-1	-----	-----	-----	0.290	16.4	-----	1.14	-----	7.86	15.01
27.0	0.0	1104	-1	-----	-----	-----	0.173	7.5	-----	1.35	-----	8.57	15.41
27.0	2.0	1057	-1	7.1	1.8	0.82	0.188	8.4	-----	1.33	-----	8.70	15.40
27.0	5.0	1051	-1	-----	-----	-----	0.089	1.8	-----	1.28	-----	11.67	14.92
27.0	8.0	1034	-1	-----	-----	-----	0.087	1.0	-----	1.27	14.81	14.63	14.54
27.0	11.0	1029	-1	0.6	0.5	0.54	0.072	-----	-----	1.16	-----	21.81	14.28
26.0	1.0	1110	-1	-----	-----	-----	0.221	11.1	-----	1.33	-----	8.68	14.86
24.0	0.0	1215	-1	-----	-----	-----	0.184	8.8	1.13	1.18	8.39	8.34	15.70
24.0	2.0	1206	-1	7.5	1.1	0.87	0.216	10.8	-----	1.13	-----	8.19	15.18
24.0	5.0	1202	-1	-----	-----	-----	0.157	6.3	-----	1.33	-----	9.16	15.35
24.0	7.0	1157	-1	-----	-----	-----	0.101	2.1	-----	1.25	-----	14.14	14.58
24.0	9.0	1152	-1	0.8	0.4	0.81	0.084	0.8	-----	1.18	-----	22.51	14.39
23.0	1.0	1228	-1	-----	-----	-----	0.128	4.1	-----	1.07	-----	8.11	14.12
22.0	1.0	1241	-1	-----	-----	-----	0.131	4.3	-----	1.13	-----	8.88	14.30
21.0	0.0	1340	-1	-----	-----	-----	0.123	3.7	1.13	1.11	-----	8.19	15.75
21.0	2.0	1333	-1	1.8	0.4	0.81	0.133	4.5	-----	1.22	-----	9.22	14.89
21.0	5.0	1325	-1	-----	-----	-----	0.127	4.0	-----	1.17	-----	10.18	14.91
21.0	8.0	1320	-1	-----	-----	-----	0.141	5.0	-----	-0.06	-----	13.38	14.87
21.0	10.0	1315	-1	-----	-----	-----	0.110	2.7	-----	0.22	-----	23.10	14.45
21.0	12.0	1309	-1	-----	-----	-----	0.086	1.6	-----	0.89	-----	25.18	14.37
21.0	14.0	1304	-1	-----	-----	-----	0.094	1.5	-----	0.81	-----	27.27	14.34
21.0	16.0	1258	-1	0.7	0.5	0.57	0.082	1.3	-----	0.87	27.77	27.72	14.30
22.0	1.0	1356	-1	-----	-----	-----	0.142	5.1	-----	1.19	-----	8.70	14.29
23.0	1.0	1412	-1	-----	-----	-----	0.230	11.8	-----	1.28	-----	8.62	14.90
24.0	1.0	1423	-1	-----	-----	-----	0.236	12.2	-----	1.37	-----	8.8%	15.78
25.0	1.0	1438	-1	-----	-----	-----	0.239	12.5	-----	1.31	-----	8.36	15.85
26.0	1.0	1457	-1	-----	-----	-----	0.348	20.8	-----	1.27	-----	8.57	15.78
27.0	1.0	1508	-1	-----	-----	-----	0.404	25.0	-----	1.28	-----	8.58	18.03
28.0	1.0	1518	-1	-----	-----	-----	0.358	21.5	-----	1.22	-----	8.84	15.84
29.0	1.0	1531	-1	-----	-----	-----	0.366	22.1	-----	1.06	-----	0.00	15.84

DATE: 21 MAR 1996

STATN NUMBR	DEPTH	TIME	TIDE	DISCR CHL A	DISCR PHAEO	CHLA/ A+PHA	FLUOR	CALC CHL A	EXCOF (SD)	CALC EXCOF	DISCR SALIN	SALIN	TEMP

REGRESSION	N	R^2	A	B	Syx
CHL A vs FLUORESCENCE	10	0.93	-5.636	75.834	2.166
EXCOF vs NEPHELOMETRY	4	0.67	1.788	-2.185	0.063
SALINITY vs DISCR SALINITY	4	1.00	-0.026	1.048	0.073

LOCATION: SOUTH BAY CHANNEL
DATE: 25 MARCH 1986

STATN NUMBR	DEPTH	TIME	TIDE	DISCR CHL A	DISCR PHAEO	CHLA/ A+PHA	FLUOR	CALC CHL A	EXCOF (SD)	CALC EXCOF	DISCR SALIN	SALIN	TEMP
29.0	1.0	853	1	-----	-----	-----	0.206	-----	-----	-----	-----	11.34	15.85
28.0	1.0	907	1	-----	-----	-----	0.199	-----	-----	-----	-----	11.63	15.43
27.0	1.0	918	1	-----	-----	-----	0.230	-----	-----	-----	-----	11.98	15.45
26.0	1.0	928	1	-----	-----	-----	0.145	-----	-----	-----	-----	13.07	15.03
25.0	1.0	948	1	-----	-----	-----	0.134	-----	-----	-----	-----	13.85	14.85
24.0	1.0	1000	1	-----	-----	-----	0.169	-----	-----	-----	-----	12.80	15.00
23.0	1.0	1015	1	-----	-----	-----	0.120	-----	-----	-----	-----	13.17	14.98
22.0	1.0	1031	1	-----	-----	-----	0.118	-----	-----	-----	-----	14.21	14.72
21.0	1.0	1043	1	-----	-----	-----	0.110	-----	-----	-----	-----	14.90	14.62

REGRESSION	N	R^2	A	B	Syx
CHL A vs FLUORESCENCE	0	0.00	0.000	0.000	0.000
EXCOF vs NEPHELOMETRY	0	0.00	0.000	0.000	0.000
SALINITY vs DISCR SALINITY	0	0.00	0.000	0.000	0.000

LOCATION: SOUTH BAY CANNEL
DATE: 28 MAR 1986

STATN NUMBR	DEPTH	TIME	TIDE	DISCR CHL A	DISCR PHAEO	CHLA/ A+PHA	FLUOR	CALC CHL A	EXCOF (SD)	CALC EXCOF	DISCR SALIN	SALIN	TEMP
21.0	1.0	814	1	-----	-----	-----	0.089	-----	-----	-----	-----	15.81	15.29
22.0	1.0	825	1	-----	-----	-----	0.091	-----	-----	-----	-----	15.80	15.30
23.0	1.0	838	1	-----	-----	-----	0.120	-----	-----	-----	-----	15.31	15.56
24.0	1.0	850	1	-----	-----	-----	0.104	-----	-----	-----	-----	14.44	15.79
25.0	1.0	902	1	-----	-----	-----	0.108	-----	-----	-----	-----	13.62	15.96
26.0	1.0	923	1	-----	-----	-----	0.120	-----	-----	-----	-----	12.08	16.22
27.0	1.0	937	1	-----	-----	-----	0.117	-----	-----	-----	-----	11.83	16.43
28.0	1.0	945	1	-----	-----	-----	0.115	-----	-----	-----	-----	11.63	16.51
29.0	1.0	1000	1	-----	-----	-----	0.123	-----	-----	-----	-----	11.37	16.71
30.0	1.0	1020	1	-----	-----	-----	0.156	-----	-----	-----	-----	10.71	17.04

REGRESSION	N	R^2	A	B	Syx
CHL A vs FLUORESCENCE	0	0.00	0.000	0.000	0.000
EXCOF vs NEPHELOMETRY	0	0.00	0.000	0.000	0.000
SALINITY vs DISCR SALINITY	0	0.00	0.000	0.000	0.000

LOCATION: SOUTH BAY CHANNEL
DATE: 01 APR 1986

STATN NUMBR	DEPTH	TIME	TIDE	DISCR CHL A	DISCR PHAEO	CHLA/ A+PHA	FLUOR	CALC CHL A	EXCOF (SD)	CALC EXCOF	DISCR SALIN	SALIN	TEMP
30.0	1.0	738	-1	-----	-----	-----	0.092	3.9	-----	1.25	-----	12.34	16.93
31.0	1.0	751	-1	-----	-----	-----	0.116	6.3	-----	2.03	-----	10.99	14.52
32.0	0.0	821	-1	-----	-----	-----	0.139	7.2	2.58	2.57	-----	10.58	17.14
32.0	2.0	819	-1	5.5	3.5	0.61	0.139	7.2	-----	2.53	10.59	10.57	17.13
32.0	10.0	811	-1	11.4	6.8	0.63	0.186	10.5	-----	3.72	-----	10.76	17.27
31.0	1.0	832	-1	-----	-----	-----	0.125	6.2	-----	2.14	-----	10.83	17.49
30.0	0.0	911	-1	-----	-----	-----	0.113	5.4	1.61	1.89	-----	11.14	17.21
30.0	2.0	903	-1	5.0	1.6	0.75	0.115	5.5	-----	1.65	-----	11.12	17.10
30.0	6.0	858	-1	-----	-----	-----	0.092	3.9	-----	1.44	-----	12.12	16.80
30.0	11.0	851	-1	4.1	2.9	0.58	0.098	4.3	-----	2.06	12.44	12.47	16.67
29.0	1.0	931	-1	-----	-----	-----	0.108	5.0	-----	1.33	-----	12.35	16.91
28.0	1.0	940	-1	-----	-----	-----	0.104	4.7	-----	1.22	-----	12.78	16.74
27.0	0.0	1012	-1	-----	-----	-----	0.100	4.5	0.95	1.13	-----	12.94	16.43
27.0	2.0	1005	-1	5.7	1.1	0.84	0.106	4.9	-----	1.10	-----	12.98	16.52
27.0	5.0	1001	-1	-----	-----	-----	0.099	4.4	-----	1.14	-----	13.04	16.53
27.0	10.0	956	-1	4.1	1.6	0.72	0.081	3.1	-----	1.37	14.70	14.70	16.37
26.0	1.0	1048	-1	-----	-----	-----	0.112	5.3	-----	1.11	-----	13.18	16.85
25.0	1.0	1101	-1	-----	-----	-----	0.097	4.2	-----	1.08	-----	13.96	16.67
24.0	0.0	1133	-1	-----	-----	-----	0.096	4.2	1.49	1.24	-----	15.08	16.37
24.0	2.0	1127	-1	4.4	1.0	0.82	0.098	4.3	-----	1.26	-----	15.10	16.32
24.0	5.0	1123	-1	-----	-----	-----	0.096	4.2	-----	1.45	-----	15.35	16.18
24.0	8.0	1121	-1	3.1	1.1	0.74	0.086	3.5	-----	1.66	15.86	15.85	15.94

REGRESSION	N	R^2	A	B	Syx
CHL A vs FLUORESCENCE	8	0.88	-2.554	70.106	0.953
EXCOF vs NEPHELOMETRY	4	0.93	0.719	1.877	0.227
SALINITY vs DISCR SALINITY	4	1.00	-0.061	1.051	0.029

LOCATION: REDWOOD CITY TO TIBURON
DATE: 09 APR 1986

STATN NUMBR	DEPTH	TIME	TIDE	DISCR CHL A	DISCR PHAEO	CHLA/ A+PHA	FLUOR	CALC CHL A	EXCOF (SD)	CALC EXCOF	DISCR SALIN	SALIN	TEMP
30.0	1.0	603	1	-----	-----	-----	0.150	-----	-----	-----	-----	13.48	16.35
29.0	1.0	626	1	-----	-----	-----	0.160	-----	-----	-----	-----	14.18	16.21
28.0	1.0	637	1	-----	-----	-----	0.141	-----	-----	-----	-----	14.94	15.98
27.0	1.0	647	1	-----	-----	-----	0.138	-----	-----	-----	-----	15.54	15.84
26.0	1.0	654	1	-----	-----	-----	0.140	-----	-----	-----	-----	15.87	15.77
25.0	1.0	709	1	-----	-----	-----	0.139	-----	-----	-----	-----	16.93	15.52
24.0	1.0	720	1	-----	-----	-----	0.122	-----	-----	-----	-----	18.00	15.27
23.0	1.0	734	1	-----	-----	-----	0.109	-----	-----	-----	-----	18.69	15.05
22.0	1.0	752	1	-----	-----	-----	0.093	-----	-----	-----	-----	18.80	15.01
21.0	1.0	802	1	-----	-----	-----	0.099	-----	-----	-----	-----	18.92	15.01

REGRESSION	N	R^2	A	B	Syx
CHL A vs FLUORESCENCE	0	0.00	0.000	0.000	0.000
EXCOF vs NEPHELOMETRY	0	0.00	0.000	0.000	0.000
SALINITY vs DISCR SALINITY	0	0.00	0.000	0.000	0.000

LOCATION: SOUTH BAY CHANNEL
DATE: 14 APR 1986

STATN NUMBR	DEPTH	TIME	TIDE	DISCR CHL A	DISCR PHAEO	CHLA/ A+PHA	FLUOR	CALC CHL A	EXCOF (SD)	CALC EXCOF	DISCR SALIN	SALIN	TEMP
21.0	0.0	926	-1	-----	-----	-----	0.161	22.1	0.95	0.97	-----	18.96	15.32
21.0	2.0	919	-1	14.7	1.8	0.89	0.158	21.9	-----	0.96	18.92	18.91	15.34
21.0	15.0	911	-1	19.7	2.3	0.90	0.170	22.9	-----	0.97	-----	18.86	15.37
22.0	1.0	943	-1	-----	-----	-----	0.143	20.6	-----	0.97	-----	19.34	15.21
23.0	1.0	958	-1	-----	-----	-----	0.145	20.8	-----	1.09	-----	20.62	14.95
24.0	0.0	1035	-1	-----	-----	-----	0.282	32.5	1.24	1.06	-----	17.00	16.48
24.0	2.0	1029	-1	31.1	2.3	0.93	0.269	31.4	-----	1.06	-----	16.94	16.47
24.0	8.0	1018	-1	44.6	2.0	0.96	0.315	35.3	-----	1.07	17.09	17.07	16.26
25.0	1.0	1052	-1	-----	-----	-----	0.218	27.0	-----	1.36	-----	17.18	16.03
26.0	1.0	1107	-1	-----	-----	-----	0.231	28.1	-----	1.46	-----	16.24	16.09
27.0	0.0	1143	-1	-----	-----	-----	0.204	25.8	1.08	1.22	-----	15.57	16.61
27.0	2.0	1136	-1	28.7	1.5	0.95	0.194	25.0	-----	1.21	15.57	15.63	16.50
27.0	11.0	1130	-1	30.2	2.4	0.93	0.195	25.0	-----	1.20	-----	15.52	16.63
28.0	1.0	1157	1	-----	-----	-----	0.229	28.0	-----	1.77	-----	15.67	16.06
29.0	1.0	1208	1	-----	-----	-----	0.226	27.7	-----	1.67	-----	15.33	16.08
30.0	0.0	1247	1	-----	-----	-----	0.235	28.5	1.76	1.80	-----	14.69	16.29
30.0	2.0	1242	1	37.4	4.3	0.90	0.244	29.2	-----	2.47	-----	14.78	16.20
30.0	15.0	1234	1	30.3	3.5	0.90	0.230	28.0	-----	2.30	-----	14.82	16.20
31.0	1.0	1307	1	-----	-----	-----	0.251	29.8	-----	3.48	-----	14.15	16.07
32.0	0.0	1341	1	-----	-----	-----	0.304	34.3	2.58	2.55	-----	13.29	16.90
32.0	2.0	1334	1	26.6	4.9	0.84	0.311	34.9	-----	2.63	-----	13.18	16.95
32.0	8.0	1329	1	23.6	4.1	0.85	0.293	33.4	-----	2.83	13.05	13.02	16.81

REGRESSION	N	R^2	A	B	Syx
CHL A vs FLUORESCENCE	10	0.34	8.441	85.169	7.310
EXCOF vs NEPHELOMETRY	5	0.97	0.575	2.601	0.135
SALINITY vs DISCR SALINITY	4	1.00	0.341	1.022	0.051

LOCATION: SOUTH BAY CHANNEL
DATE: 18 APR 1986

STATN NUMBR	DEPTH	TIME	TIDE	DISCR CHL A	DISCR PHAEO	CHLA/ A+PHA	FLUOR	CALC CHL A	EXCOF (SD)	CALC EXCOF	DISCR SALIN	SALIN	TEMP
31.0	1.0	737	1	-----	-----	-----	0.274	51.5	-----	1.59	-----	14.95	15.00
32.0	0.0	816	-1	-----	-----	-----	0.274	51.4	1.96	2.05	-----	14.44	15.24
32.0	2.0	809	-1	58.1	7.4	0.89	0.289	54.6	-----	2.48	14.80	14.88	15.19
32.0	5.0	804	-1	-----	-----	-----	0.257	47.8	-----	1.81	-----	16.91	15.22
32.0	8.0	757	-1	47.2	8.4	0.85	0.212	38.1	-----	1.93	-----	19.08	15.06
31.0	1.0	830	-1	-----	-----	-----	0.279	52.5	-----	1.90	-----	14.76	14.97
30.0	0.0	913	-1	-----	-----	-----	0.294	55.7	1.61	1.36	-----	15.10	15.30
30.0	2.0	907	-1	38.4	4.7	0.89	0.242	44.6	-----	1.33	-----	15.28	15.39
30.0	5.0	902	-1	-----	-----	-----	0.222	40.2	-----	1.12	-----	16.85	15.56
30.0	10.0	857	-1	-----	-----	-----	0.194	34.3	-----	1.13	-----	21.35	14.88
30.0	13.0	851	-1	34.4	6.6	0.84	0.170	29.1	-----	1.79	-----	23.08	14.82
29.0	1.0	938	-1	-----	-----	-----	0.288	50.2	-----	1.02	-----	16.47	15.13
28.0	1.0	947	-1	-----	-----	-----	0.209	37.4	-----	0.93	-----	17.42	15.20
27.0	0.0	1030	-1	-----	-----	-----	0.180	31.3	0.85	0.91	-----	17.69	15.75
27.0	2.0	1023	-1	24.7	2.8	0.89	0.172	29.5	-----	0.89	18.04	18.08	15.58
27.0	5.0	1016	-1	-----	-----	-----	0.141	22.8	-----	0.89	-----	19.25	15.34
27.0	8.0	1011	-1	-----	-----	-----	0.125	19.4	-----	1.11	-----	23.09	14.58
27.0	11.0	1005	-1	26.5	4.4	0.86	0.119	18.2	-----	1.09	23.84	23.62	14.46
26.0	1.0	1042	-1	-----	-----	-----	0.178	30.8	-----	0.87	-----	18.03	15.19
25.0	1.0	1055	-1	-----	-----	-----	0.174	30.0	-----	0.86	-----	18.39	15.16
24.0	0.0	1135	-1	-----	-----	-----	0.134	21.4	-----	0.84	-----	18.00	15.35
24.0	2.0	1130	-1	18.5	1.9	0.91	0.133	21.2	-----	0.83	-----	17.97	15.44
24.0	5.0	1124	-1	-----	-----	-----	0.148	24.5	-----	0.83	-----	19.32	15.37
24.0	8.0	1118	-1	19.1	2.3	0.89	0.100	14.1	-----	1.01	26.67	26.46	13.78
23.0	1.0	1151	-1	-----	-----	-----	0.151	24.9	-----	0.85	-----	18.27	15.90
22.0	1.0	1204	-1	-----	-----	-----	0.120	18.3	-----	0.85	-----	18.58	14.69
21.0	0.0	1250	-1	-----	-----	-----	0.190	33.4	0.90	1.01	-----	18.38	16.27
21.0	2.0	1245	-1	14.9	2.3	0.87	0.168	28.6	-----	0.87	-----	19.24	14.94
21.0	5.0	1238	-1	-----	-----	-----	0.165	28.1	-----	0.85	-----	20.18	14.91
21.0	10.0	1234	-1	-----	-----	-----	0.103	14.7	-----	1.00	-----	27.28	13.50
21.0	13.0	1230	-1	-----	-----	-----	0.095	13.0	-----	0.91	-----	27.88	13.37
21.0	15.0	1223	-1	8.2	1.6	0.84	0.090	12.0	-----	0.94	28.21	28.52	13.20
22.0	1.0	1306	-1	-----	-----	-----	0.139	22.4	-----	0.85	-----	18.70	14.98
23.0	1.0	1321	-1	-----	-----	-----	0.187	32.8	-----	0.85	-----	18.41	15.85
24.0	1.0	1339	-1	-----	-----	-----	0.148	24.4	-----	0.82	-----	19.13	16.21
25.0	1.0	1347	-1	-----	-----	-----	0.209	37.5	-----	0.94	-----	17.96	15.72
26.0	1.0	1402	-1	-----	-----	-----	0.277	52.1	-----	1.10	-----	16.10	15.70
27.0	1.0	1413	-1	-----	-----	-----	0.307	58.5	-----	1.29	-----	16.14	15.57
28.0	1.0	1423	-1	-----	-----	-----	0.353	68.3	-----	1.60	-----	15.88	15.38
29.0	1.0	1437	0	-----	-----	-----	0.361	70.1	-----	1.86	-----	14.83	15.58

REGRESSION	N	R^2	A	B	Syx
CHL A vs FLUORESCENCE	10	0.77	-7.325	214.356	7.803
EXCOF vs NEPHELOMETRY	4	0.90	0.651	1.491	0.209
SALINITY vs DISCR SALINITY	5	1.00	-0.026	1.052	0.258

LOCATION: SOUTH BAY CHANNEL
DATE: 22 APR 1986

STATN NUMBR	DEPTH	TIME	TIDE	DISCR CHL A	DISCR PHAEO	CHLA/ A+PHA	FLUOR	CALC CHL A	EXCOF (SD)	CALC EXCOF	DISCR SALIN	SALIN	TEMP
32.0	0.0	805	1	-----	-----	-----	0.370	87.2	4.78	4.56	-----	17.08	17.19
32.0	2.0	756	1	82.4	7.3	0.90	0.367	86.5	-----	4.64	-----	16.93	17.23
32.0	11.0	749	1	79.7	23.0	0.78	0.406	76.8	-----	8.71	17.26	17.24	16.98
31.0	1.0	823	1	-----	-----	-----	0.327	55.7	-----	4.34	-----	17.95	16.89
30.0	0.0	906	1	-----	-----	-----	0.256	36.6	2.58	3.01	-----	19.25	16.36
30.0	2.0	902	1	42.7	15.4	0.73	0.268	39.8	-----	4.02	-----	19.34	16.39
30.0	6.0	859	1	-----	-----	-----	0.281	43.2	-----	5.35	-----	19.50	16.21
30.0	12.0	852	1	45.7	21.8	0.68	0.280	43.1	-----	5.33	19.49	19.52	16.11
29.0	1.0	939	1	-----	-----	-----	0.239	31.9	-----	2.57	-----	20.03	16.15
28.0	1.0	951	1	-----	-----	-----	0.200	37.5	-----	1.89	-----	20.51	15.95
27.0	0.0	1028	1	-----	-----	-----	0.246	34.0	2.08	1.96	-----	21.81	15.27
27.0	2.0	1021	1	28.4	7.8	0.79	0.233	30.4	-----	2.04	-----	21.75	15.25
27.0	6.0	1018	1	-----	-----	-----	0.225	28.3	-----	2.11	-----	21.89	15.16
27.0	12.0	1013	1	26.4	8.2	0.76	0.224	28.0	-----	2.46	21.90	21.91	15.12
26.0	1.0	1042	1	-----	-----	-----	0.213	24.9	-----	1.78	-----	22.78	14.78
25.0	1.0	1057	1	-----	-----	-----	0.182	16.7	-----	1.52	-----	23.31	14.75
24.0	0.0	1133	-1	-----	-----	-----	0.183	16.8	1.15	1.16	-----	23.61	14.47
24.0	2.0	1127	-1	7.4	2.9	0.72	0.147	7.2	-----	1.34	-----	23.95	14.30
24.0	5.0	1123	-1	-----	-----	-----	0.128	2.5	-----	1.43	-----	24.44	14.22
24.0	10.0	1118	-1	9.9	3.8	0.73	0.141	5.8	-----	1.83	24.84	24.82	14.17
23.0	1.0	1148	-1	-----	-----	-----	0.181	16.5	-----	1.58	-----	23.83	14.49
22.0	1.0	1201	-1	-----	-----	-----	0.158	10.5	-----	1.40	-----	24.01	14.42
21.0	0.0	1236	-1	-----	-----	-----	0.185	12.2	1.49	1.37	-----	23.55	14.58
21.0	2.0	1231	-1	5.7	2.2	0.72	0.169	13.2	-----	1.42	-----	23.51	14.60
21.0	5.0	1227	-1	-----	-----	-----	0.163	11.6	-----	1.46	-----	24.08	14.50
21.0	10.0	1223	-1	-----	-----	-----	0.150	8.0	-----	1.54	-----	24.85	14.23
21.0	15.0	1217	-1	5.4	2.4	0.69	0.131	2.9	-----	1.49	-----	25.38	13.83

REGRESSION	N	R^2	A	B	Syx
CHL A vs FLUORESCENCE	10	0.98	-32.201	268.672	3.975
EXCOF vs NEPHELOMETRY	5	0.97	0.875	2.119	0.290
SALINITY vs DISCR SALINITY	4	1.00	-0.176	1.045	0.029

LOCATION: SOUTH BAY CHANNEL
DATE: 29 APR 1986

STATN NUMBR	DEPTH	TIME	TIDE	DISCR CHL A	DISCR PHAEO	CHLA/ A+PHA	FLUOR	CALC CHL A	EXCOF (SD)	CALC EXCOF	DISCR SALIN	SALIN	TEMP
21.0	0.0	1031	-1	-----	-----	-----	0.270	44.7	3.13	3.34	-----	22.21	16.17
21.0	2.0	1023	-1	45.9	5.8	0.89	0.268	44.3	-----	3.38	-----	22.17	16.14
21.0	14.0	1012	-1	43.6	6.2	0.88	0.255	42.0	-----	3.16	21.94	22.08	16.17
22.0	1.0	1046	-1	-----	-----	-----	0.131	19.6	-----	1.99	-----	23.76	15.26
23.0	1.0	1102	-1	-----	-----	-----	0.125	18.5	-----	2.14	-----	24.14	14.83
24.0	0.0	1139	-1	-----	-----	-----	0.115	16.8	1.61	1.68	-----	23.20	16.11
24.0	2.0	1134	-1	21.8	2.7	0.89	0.143	21.8	-----	1.81	-----	23.23	15.78
24.0	8.5	1128	-1	20.3	8.2	0.71	0.155	24.0	-----	4.15	-----	23.70	15.43
25.0	1.0	1158	0	-----	-----	-----	0.218	35.4	-----	2.90	-----	21.23	15.68
26.0	1.0	1213	0	-----	-----	-----	0.216	34.9	-----	3.23	-----	20.36	15.92
27.0	0.0	1248	1	-----	-----	-----	0.247	40.5	2.58	2.52	-----	19.40	17.24
27.0	2.0	1241	1	35.9	7.6	0.82	0.211	34.0	-----	2.96	-----	19.92	15.55
27.0	9.0	1234	1	25.7	10.9	0.70	0.194	31.0	-----	4.74	21.34	21.15	16.28
28.0	1.0	1302	1	-----	-----	-----	0.290	48.3	-----	5.81	-----	18.17	16.25
29.0	1.0	1312	1	-----	-----	-----	0.329	55.4	-----	5.28	-----	18.80	16.55
30.0	0.0	1355	1	-----	-----	-----	0.345	58.3	4.03	4.24	-----	18.24	17.50
30.0	2.0	1348	1	66.2	5.2	0.93	0.314	52.7	-----	3.80	18.12	18.16	17.52
30.0	13.0	1340	1	56.2	35.5	0.61	0.367	62.2	-----	12.71	-----	18.77	16.58
31.0	1.0	1413	1	-----	-----	-----	0.340	57.3	-----	3.84	-----	17.70	17.50
32.0	0.0	1448	1	-----	-----	-----	0.320	53.7	4.03	3.80	-----	17.50	18.10
32.0	2.0	1439	1	81.4	8.1	0.88	0.336	56.6	-----	4.32	-----	17.48	17.63
32.0	8.5	1431	1	57.7	20.1	0.74	0.389	66.2	-----	12.35	-----	17.83	17.10

REGRESSION	N	R^2	A	B	Syx
CHL A vs FLUORESCENCE	10	0.86	-4.018	180.520	6.755
EXCOF vs NEPHELOMETRY	5	0.83	0.814	1.991	0.307
SALINITY vs DISCR SALINITY	3	0.99	2.013	0.944	0.238

LOCATION: SOUTH BAY CHANNEL
DATE: 05 MAY 1986

STATN NUMBR	DEPTH	TIME	TIDE	DISCR CHL A	DISCR PHAEO	CHLA/ A+PHA	FLUOR	CALC CHL A	EXCOF (SD)	CALC EXCOF	DISCR SALIN	SALIN	TEMP
32.0	0.0	829	1	-----	-----	-----	0.166	16.6	2.82	2.83	-----	19.27	16.47
32.0	2.0	823	1	23.0	9.6	0.71	0.163	16.1	-----	2.89	19.31	19.30	16.50
32.0	5.0	818	1	-----	-----	-----	0.188	19.8	-----	5.11	-----	19.92	16.43
32.0	10.0	812	1	19.9	26.2	0.43	0.215	23.8	-----	6.84	-----	19.86	16.37
31.0	1.0	844	1	-----	-----	-----	0.151	14.4	-----	2.82	-----	20.00	16.60
30.0	0.0	930	1	-----	-----	-----	0.113	8.7	1.96	1.97	-----	21.90	16.30
30.0	2.0	923	1	10.8	4.8	0.69	0.112	8.7	-----	1.87	-----	21.67	16.23
30.0	5.0	918	1	-----	-----	-----	0.134	11.9	-----	3.38	-----	21.98	15.93
30.0	12.0	911	1	12.4	14.1	0.47	0.139	12.5	-----	3.74	-----	21.99	15.50
29.0	1.0	1001	1	-----	-----	-----	0.108	7.9	-----	1.81	-----	22.68	16.01
28.0	1.0	1013	1	-----	-----	-----	0.118	9.5	-----	2.96	-----	23.13	15.88
27.0	0.0	1051	1	-----	-----	-----	0.094	6.0	1.85	1.80	-----	24.16	15.66
27.0	2.0	1046	1	8.5	3.5	0.71	0.099	6.7	-----	1.81	-----	24.13	15.53
27.0	5.0	1039	1	-----	-----	-----	0.099	6.7	-----	1.96	-----	24.16	15.49
27.0	12.0	1032	1	7.7	8.3	0.55	0.099	6.7	-----	2.20	24.33	24.38	15.38
26.0	1.0	1104	1	-----	-----	-----	0.100	6.8	-----	1.73	-----	24.94	15.21
25.0	1.0	1122	0	-----	-----	-----	0.095	6.1	-----	1.66	-----	25.32	14.97
24.0	0.0	1158	0	-----	-----	-----	0.092	5.7	1.78	1.74	-----	25.82	14.82
24.0	2.0	1152	0	5.3	2.5	0.68	0.095	6.1	-----	1.82	-----	25.79	14.80
24.0	10.0	1144	0	5.4	3.4	0.61	0.095	6.1	-----	2.23	25.88	25.85	14.76
22.0	1.0	1228	-1	-----	-----	-----	0.089	5.3	-----	1.48	-----	26.03	14.43
21.0	0.0	1308	-1	-----	-----	-----	0.107	7.8	1.48	1.55	-----	25.40	15.19
21.0	2.0	1301	-1	3.6	2.1	0.63	0.103	7.3	-----	1.56	-----	25.45	15.24
21.0	5.0	1256	-1	-----	-----	-----	0.096	6.2	-----	1.68	-----	25.94	14.88
21.0	10.0	1251	-1	-----	-----	-----	0.097	6.4	-----	1.66	-----	27.88	13.90
21.0	17.0	1244	-1	3.7	2.7	0.58	0.095	6.2	-----	1.66	-----	28.27	13.84

REGRESSION	N	R^2	A	B	Syx
CHL A vs FLUORESCENCE	10	0.77	-7.814	147.560	3.415
EXCOF vs NEPHELOMETRY	5	0.99	0.710	1.878	0.048
SALINITY vs DISCR SALINITY	3	1.00	-0.528	1.081	0.058

LOCATION: SOUTH BAY CHANNEL
DATE: 20 MAY 1986

STATN NUMBR	DEPTH	TIME	TIDE	DISCR CHL A	DISCR PHAEO	CHLA/ A+PHA	FLUOR	CALC CHL A	EXCOF (SD)	CALC EXCOF	DISCR SALIN	SALIN	TEMP
32.0	0.0	825	1	-----	-----	-----	0.104	3.8	2.38	2.24	-----	22.23	18.73
32.0	2.0	810	1	2.7	3.3	0.45	0.097	3.3	-----	2.31	-----	22.23	18.56
32.0	5.0	813	1	-----	-----	-----	0.102	3.7	-----	2.77	-----	22.20	18.52
32.0	7.0	807	1	2.8	4.8	0.38	0.106	4.0	-----	3.09	22.10	22.14	18.52
31.0	1.0	841	1	-----	-----	-----	0.091	3.0	-----	2.12	-----	22.44	18.48
30.0	0.0	928	1	-----	-----	-----	0.075	1.9	1.85	2.03	-----	23.62	17.69
30.0	2.0	922	1	1.1	5.0	0.18	0.078	2.0	-----	2.19	-----	23.56	17.69
30.0	13.0	911	1	1.5	4.6	0.25	0.079	2.1	-----	2.31	-----	23.51	17.57
29.0	1.0	956	1	-----	-----	-----	0.073	1.8	-----	1.80	-----	24.40	17.31
28.0	1.0	1008	1	-----	-----	-----	0.073	1.8	-----	1.88	-----	24.80	17.12
27.0	0.0	1043	1	-----	-----	-----	0.086	1.3	1.24	1.26	-----	25.69	17.02
27.0	2.0	1036	1	3.1	2.0	0.61	0.074	1.8	-----	1.29	-----	25.83	16.81
27.0	12.0	1029	1	1.0	2.8	0.26	0.059	0.8	-----	1.45	25.77	25.84	16.55
26.0	1.0	1058	0	-----	-----	-----	0.088	1.5	-----	1.17	-----	26.25	16.15
25.0	1.0	1112	0	-----	-----	-----	0.088	1.5	-----	1.18	-----	26.82	15.93
24.0	0.0	1144	0	5.8	1.3	0.82	0.097	3.4	1.18	1.17	-----	27.29	15.82
24.0	10.0	1136	0	1.8	2.9	0.35	0.073	1.8	-----	1.85	27.47	27.57	15.19
23.0	1.0	1205	-1	-----	-----	-----	0.081	2.3	-----	1.45	-----	27.58	15.44
21.0	0.0	1258	-1	4.7	1.6	0.74	0.108	4.1	1.24	1.20	-----	27.42	15.78
21.0	5.0	1251	-1	-----	-----	-----	0.095	3.2	-----	1.28	-----	27.43	15.80
21.0	10.0	1246	-1	-----	-----	-----	0.085	2.6	-----	1.38	-----	27.80	15.17
21.0	14.0	1238	-1	2.4	4.1	0.37	0.087	3.3	-----	2.11	28.88	28.88	14.39
22.0	1.0	1321	-1	-----	-----	-----	0.080	2.9	-----	1.25	-----	27.48	15.44
23.0	1.0	1336	-1	-----	-----	-----	0.103	3.8	-----	1.87	-----	27.18	15.80
24.0	1.0	1350	-1	-----	-----	-----	0.080	2.2	-----	1.41	-----	26.87	15.88
25.0	1.0	1404	-1	-----	-----	-----	0.076	2.0	-----	1.20	-----	26.21	16.50
26.0	1.0	1424	-1	-----	-----	-----	0.077	2.1	-----	1.21	-----	25.33	17.34
27.0	1.0	1434	-1	-----	-----	-----	0.079	2.2	-----	1.21	-----	24.89	17.63
28.0	1.0	1448	-1	-----	-----	-----	0.094	3.1	-----	1.30	-----	24.10	18.28
29.0	1.0	1503	-1	-----	-----	-----	0.085	2.6	-----	1.57	-----	23.37	18.65
30.0	1.0	1528	-1	-----	-----	-----	0.101	3.6	-----	1.83	-----	22.87	19.23

REGRESSION	N	R^2	A	B	Syx
CHL A vs FLUORESCENCE	10	0.50	-2.038	64.903	1.150
EXCOF vs NEPHELOMETRY	5	0.95	0.865	1.837	0.133
SALINITY vs DISCR SALINITY	4	1.00	0.488	1.051	0.118

LOCATION: SOUTH BAY CHANNEL
DATE: 04 JUN 1986

STATN NUMBR	DEPTH	TIME	TIDE	DISCR CHL A	DISCR PHAEO	CHLA/ A+PHA	FLUOR	CALC CHL A	EXCOF (SD)	CALC EXCOF	DISCR SALIN	SALIN	TEMP
32.0	0.0	810	1	4.7	3.1	0.60	0.115	3.0	1.61	1.58	-----	22.72	20.28
32.0	8.0	802	1	2.1	3.2	0.39	0.109	2.8	-----	2.97	23.18	23.21	20.30
31.0	1.0	830	1	-----	-----	-----	0.083	2.4	-----	1.41	-----	23.51	20.37
30.0	0.0	904	1	2.3	1.2	0.66	0.086	2.2	-----	1.17	-----	23.94	19.83
30.0	8.0	858	1	-----	-----	-----	0.078	2.1	-----	2.05	-----	24.12	19.69
30.0	12.0	853	1	1.3	5.2	0.20	0.103	2.7	-----	4.05	-----	24.15	19.63
29.0	1.0	936	1	-----	-----	-----	0.068	1.8	-----	1.24	-----	25.12	19.19
28.0	1.0	950	1	-----	-----	-----	0.073	1.9	-----	1.43	-----	25.36	19.03
27.0	0.0	1031	1	0.7	1.4	0.33	0.066	1.7	1.24	1.32	-----	26.23	18.64
27.0	5.0	1027	1	-----	-----	-----	0.068	1.7	-----	1.60	-----	26.30	18.44
27.0	11.0	1015	1	0.6	2.9	0.18	0.075	1.9	-----	2.01	26.41	26.38	18.57
26.0	1.0	1048	1	-----	-----	-----	0.070	1.8	-----	1.40	-----	26.81	18.01
25.0	1.0	1104	1	-----	-----	-----	0.070	1.8	-----	1.83	-----	27.76	17.08
24.0	0.0	1135	1	2.3	1.3	0.63	0.067	1.7	1.49	1.48	-----	28.39	16.54
24.0	5.0	1131	1	-----	-----	-----	0.072	1.9	-----	1.82	-----	28.40	16.38
24.0	9.0	1125	1	2.0	2.6	0.43	0.074	1.9	-----	2.34	-----	28.38	16.41
23.0	1.0	1153	1	-----	-----	-----	0.068	1.7	-----	1.23	-----	28.48	16.25
22.0	1.0	1211	1	-----	-----	-----	0.068	1.8	-----	1.21	-----	28.31	16.44
21.0	0.0	1244	1	2.5	1.1	0.68	0.058	1.5	1.18	1.13	-----	28.00	16.80
21.0	5.0	1240	1	-----	-----	-----	0.070	1.8	-----	1.40	-----	28.95	15.86
21.0	10.0	1237	1	-----	-----	-----	0.076	2.0	-----	1.71	-----	29.71	15.46
21.0	15.0	1231	1	3.2	3.4	0.49	0.083	2.1	-----	2.27	29.74	29.78	15.34

REGRESSION	N	R^2	A	B	Syx
CHL A vs FLUORESCENCE	10	0.18	-0.037	26.391	1.145
EXCOF vs NEPHELOMETRY	4	0.93	0.638	2.020	0.069
SALINITY vs DISCR SALINITY	3	1.00	-0.680	1.079	0.063

LOCATION: SOUTH BAY CHANNEL
DATE: 16 JUN 1986

STATN NUMBR	DEPTH	TIME	TIDE	DISCR CHL A	DISCR PHAEO	CHLA/ A+PHA	FLUOR	CALC CHL A	EXCOF (SD)	CALC EXCOF	DISCR SALIN	SALIN	TEMP
32.0	0.0	826	0	-----	-----	-----	0.075	1.9	1.49	1.44	-----	25.13	20.21
32.0	2.0	820	0	2.3	1.4	0.61	0.074	1.9	-----	1.45	-----	25.10	20.06
32.0	11.0	811	0	1.7	1.7	0.49	0.077	2.0	-----	1.81	25.37	25.37	19.25
31.0	1.0	840	0	-----	-----	-----	0.070	1.8	-----	1.42	-----	25.13	20.46
30.0	0.0	825	-1	-----	-----	-----	0.079	2.1	1.13	1.21	-----	25.47	20.57
30.0	2.0	818	-1	2.1	1.3	0.61	0.071	1.7	-----	1.19	-----	25.47	20.62
30.0	7.0	812	-1	-----	-----	-----	0.056	0.8	-----	1.22	-----	25.57	20.41
30.0	12.0	801	-1	0.8	1.0	0.45	0.055	0.7	-----	1.25	-----	25.68	20.31
29.0	1.0	851	1	-----	-----	-----	0.083	1.2	-----	1.14	-----	25.86	20.40
28.0	1.0	1001	1	-----	-----	-----	0.088	1.5	-----	1.14	-----	26.09	20.33
27.0	2.0	1035	1	1.5	0.7	0.68	0.086	1.4	-----	1.08	-----	26.22	20.29
27.0	8.0	1028	1	-----	-----	-----	0.054	0.7	-----	1.07	-----	26.68	19.96
27.0	11.0	1022	1	0.1	0.8	0.11	0.052	0.6	-----	1.06	-----	27.14	19.70
23.0	0.0	1042	1	-----	-----	-----	0.089	1.5	-----	1.07	-----	26.21	20.43
26.0	1.0	1055	1	-----	-----	-----	0.075	1.8	-----	1.05	-----	26.41	20.37
25.0	1.0	1108	1	-----	-----	-----	0.088	1.5	-----	1.05	-----	26.84	19.82
24.0	0.0	1148	1	-----	-----	-----	0.084	1.3	1.08	1.02	-----	26.96	20.31
24.0	1.0	1119	1	-----	-----	-----	0.068	1.5	-----	1.05	-----	27.36	19.58
24.0	2.0	1143	1	1.0	1.1	0.48	0.068	1.4	-----	1.02	-----	27.02	20.16
24.0	5.0	1137	1	-----	-----	-----	0.060	1.0	-----	1.17	-----	27.87	18.90
24.0	8.0	1131	1	1.0	0.9	0.51	0.054	0.7	-----	1.38	-----	28.07	18.48
23.0	1.0	1205	1	-----	-----	-----	0.068	1.3	-----	1.07	-----	27.81	19.33
22.0	1.0	1217	1	-----	-----	-----	0.089	1.8	-----	1.13	-----	27.87	19.22
21.0	0.0	1250	1	-----	-----	-----	0.084	1.3	1.13	1.15	-----	27.50	19.80
21.0	3.0	1251	1	1.5	0.5	0.74	0.086	1.3	-----	1.17	-----	27.53	19.63
21.0	7.0	1244	1	-----	-----	-----	0.068	1.5	-----	1.33	-----	28.03	18.95
21.0	13.0	1238	1	2.2	2.4	0.48	0.084	2.4	-----	2.08	28.19	28.19	18.80

REGRESSION	N	R^2	A	B	Syx
CHL A vs FLUORESCENCE	10	0.78	-2.508	58.666	0.348
EXCOF vs NEPHELOMETRY	4	0.88	0.762	2.059	0.082
SALINITY vs DISCR SALINITY	2	1.00	-0.851	1.084	

LOCATION: SOUTH BAY CHANNEL
DATE: 02 JUL 1986

STATN NUMBR	DEPTH	TIME	TIDE	DISCR CHL A	DISCR PHAEO	CHLA/ A+PHA	FLUOR	CALC CHL A	EXCOF (SD)	CALC EXCOF	DISCR SALIN	SALIN	TEMP
32.0	0.0	857	1	2.8	1.7	0.63	0.085	2.7	2.58	2.60	-----	26.25	22.42
32.0	12.0	848	1	3.0	3.1	0.49	0.105	3.1	-----	3.65	26.18	26.15	22.50
31.0	1.0	914	1	-----	-----	-----	0.096	2.7	-----	2.45	-----	26.33	22.11
30.0	0.0	952	1	1.3	1.0	0.56	0.061	1.3	1.49	1.42	-----	26.76	21.52
30.0	13.0	943	1	1.3	2.0	0.40	0.088	1.6	-----	2.44	-----	26.75	21.52
29.0	1.0	1019	1	-----	-----	-----	0.062	1.3	-----	1.23	-----	27.30	20.85
28.0	1.0	1031	1	-----	-----	-----	0.064	1.4	-----	1.20	-----	27.42	20.80
27.0	0.0	1104	1	0.9	0.6	0.60	0.038	1.2	0.85	0.94	-----	28.33	20.82
27.0	12.0	1055	1	0.8	0.8	0.48	0.037	1.1	-----	1.06	28.49	28.53	20.38
26.0	1.0	1115	1	-----	-----	-----	0.073	1.8	-----	0.83	-----	28.65	19.87
25.0	1.0	1132	1	-----	-----	-----	0.066	1.5	-----	1.05	-----	31.23	19.45
24.0	0.0	1202	-1	1.4	0.5	0.71	0.056	1.1	1.08	1.07	29.50	29.55	19.68
24.0	10.0	1154	-1	1.0	0.9	0.53	0.052	0.9	-----	1.30	-----	29.57	19.15
23.0	1.0	1217	-1	-----	-----	-----	0.065	1.4	-----	1.05	-----	29.66	18.67
22.0	1.0	1232	-1	-----	-----	-----	0.065	1.5	-----	1.03	-----	29.55	18.28
21.0	0.0	1301	-1	2.0	0.7	0.74	0.073	1.8	1.13	1.10	-----	29.80	19.62
21.0	16.0	1253	-1	1.4	1.1	0.57	0.058	1.1	-----	1.18	30.58	30.53	17.93

REGRESSION	N	R^2	A	B	Syx
CHL A vs FLUORESCENCE	10	0.88	-1.215	41.114	0.272
EXCOF vs NEPHELOMETRY	5	0.99	0.489	2.421	0.065
SALINITY vs DISCR SALINITY	4	1.00	0.067	1.050	0.062

LOCATION: SOUTH BAY CHANNEL
DATE: 15 JUL 1986

STATN NUMBR	DEPTH	TIME	TIDE	DISCR CHL A	DISCR PHAEO	CHLA/ A+PHA	FLUOR	CALC CHL A	EXCOF (SD)	CALC EXCOF	DISCR SALIN	SALIN	TEMP
32.0	0.0	826	1	-----	-----	-----	0.097	2.6	1.61	1.67	-----	27.07	21.86
32.0	2.0	819	1	3.0	1.2	0.71	0.097	2.6	-----	1.67	-----	27.01	21.81
32.0	5.0	815	1	-----	-----	-----	0.095	2.7	-----	1.71	-----	27.09	21.89
32.0	8.0	808	1	2.1	1.8	0.57	0.096	2.6	-----	1.78	27.08	27.10	21.77
31.0	1.0	908	-1	-----	-----	-----	0.121	3.8	-----	3.77	-----	26.94	22.24
30.0	0.0	947	-1	-----	-----	-----	0.088	2.5	1.49	1.45	-----	27.26	21.86
30.0	2.0	940	-1	2.8	1.0	0.74	0.088	2.5	-----	1.46	-----	27.27	21.81
30.0	12.0	933	-1	1.6	1.3	0.55	0.074	1.9	-----	1.87	-----	27.53	21.72
29.0	1.0	1011	-1	-----	-----	-----	0.086	2.4	-----	1.95	-----	27.87	21.77
28.0	1.0	1021	-1	-----	-----	-----	0.093	2.6	-----	1.91	-----	27.96	21.83
27.0	0.0	1057	-1	-----	-----	-----	0.077	2.0	1.31	1.16	-----	28.21	21.67
27.0	2.0	1049	-1	1.9	1.2	0.62	0.073	1.8	-----	1.14	-----	28.25	21.64
27.0	5.0	1046	-1	-----	-----	-----	0.062	1.4	-----	1.06	-----	28.48	21.47
27.0	10.0	1038	-1	1.1	1.0	0.52	0.060	1.3	-----	1.28	28.54	28.50	21.45
26.0	1.0	1121	-1	-----	-----	-----	0.091	2.6	-----	1.88	-----	27.92	21.75
25.0	1.0	1133	-1	-----	-----	-----	0.071	1.8	-----	1.05	-----	28.73	21.10
24.0	0.0	1210	-1	-----	-----	-----	0.069	1.7	0.87	1.00	-----	29.19	21.06
24.0	2.0	1205	-1	2.1	1.1	0.66	0.073	1.8	-----	1.02	-----	29.18	20.78
24.0	5.0	1200	-1	-----	-----	-----	0.060	1.3	-----	1.07	-----	29.83	19.83
24.0	9.0	1156	-1	1.0	0.8	0.54	0.052	1.0	-----	1.25	29.81	29.83	19.83
23.0	1.0	1224	-1	-----	-----	-----	0.067	1.6	-----	1.02	-----	29.45	20.54
22.0	1.0	1238	-1	-----	-----	-----	0.080	2.2	-----	1.13	-----	29.87	19.72
21.0	1.0	1258	-1	-----	-----	-----	0.064	1.5	-----	1.81	-----	30.28	18.27
21.0	2.0	1301	-1	2.5	0.8	0.74	0.077	2.0	-----	1.31	-----	29.54	19.73
21.0	15.0	1255	-1	1.5	1.8	0.46	0.063	1.5	-----	1.78	-----	30.21	18.30

REGRESSION	N	R^2	A	B	Syx
CHL A vs FLUORESCENCE	10	0.72	-1.043	38.841	0.392
EXCOF vs NEPHELOMETRY	4	0.85	0.606	2.645	0.151
SALINITY vs DISCR SALINITY	3	1.00	0.496	1.033	0.038

LOCATION: SOUTH BAY CHANNEL
DATE: 16 OCTOBER 1986

STATN NUMBR	DEPTH	TIME	TIDE	DISCR CHL A	DISCR PHAEO	CHLA/ A+PHA	FLUOR	CALC CHL A	EXCOF (SD)	CALC EXCOF	DISCR SALIN	SALIN	TEMP
32.0	0.0	827	1	-----	-----	-----	0.028	1.6	1.39	-----	-----	28.29	18.68
32.0	2.0	821	1	2.4	1.0	0.70	0.012	1.4	-----	-----	-----	28.22	18.91
32.0	8.0	814	1	1.8	3.8	0.32	0.032	1.7	-----	-----	28.41	28.41	18.80
31.0	1.0	848	1	-----	-----	-----	0.028	1.6	-----	1.82	-----	28.82	19.38
30.0	0.0	843	1	-----	-----	-----	0.008	1.3	2.22	2.11	-----	29.55	18.58
30.0	2.0	835	1	1.2	1.8	0.39	0.007	1.3	-----	-----	29.46	29.45	18.61
30.0	6.0	828	1	-----	-----	-----	0.017	1.5	-----	-----	-----	29.48	18.53
30.0	12.0	818	1	1.2	5.3	0.19	0.010	1.4	-----	-----	-----	29.38	18.50
29.0	1.0	1020	1	-----	-----	-----	0.070	2.3	-----	2.50	-----	29.78	18.88
28.0	1.0	1035	1	-----	-----	-----	0.047	1.9	-----	2.16	-----	30.03	18.74
27.0	0.0	1122	1	-----	-----	-----	0.019	1.5	1.38	1.73	-----	30.07	19.51
27.0	2.0	1115	1	0.6	2.1	0.22	0.019	1.5	-----	1.71	-----	30.06	19.42
27.0	6.0	1107	1	-----	-----	-----	0.022	1.6	-----	1.79	-----	30.08	19.21
27.0	12.0	1058	1	1.3	2.2	0.36	0.021	1.5	-----	1.75	-----	30.06	19.02
26.0	1.0	1139	1	-----	-----	-----	0.029	1.7	-----	2.05	-----	29.93	18.81
25.0	1.0	1156	1	-----	-----	-----	0.051	2.0	-----	-----	-----	29.62	18.43
24.0	0.0	1233	1	-----	-----	-----	0.047	1.9	1.49	1.83	-----	29.33	17.52
24.0	2.0	1220	1	1.2	1.7	0.43	0.023	1.6	-----	1.70	-----	29.37	17.28
24.0	5.0	1223	1	-----	-----	-----	0.019	1.5	-----	1.78	-----	29.44	17.09
24.0	10.0	1217	1	1.1	1.8	0.41	0.019	1.5	-----	1.78	-----	29.39	17.28
23.0	1.0	1254	0	-----	-----	-----	0.031	1.7	-----	-----	-----	29.40	16.85
21.0	0.0	1357	-1	-----	-----	-----	0.024	1.6	1.13	-----	-----	28.98	17.68
21.0	2.0	1349	-1	2.3	1.5	0.60	0.025	1.6	-----	-----	-----	28.92	17.46
21.0	8.0	1341	-1	-----	-----	-----	0.019	1.5	-----	-----	-----	30.69	16.36
21.0	15.0	1332	-1	2.0	1.4	0.59	0.020	1.5	-----	-----	30.65	30.65	16.27
22.0	1.0	1414	-1	-----	-----	-----	0.021	1.5	-----	-----	-----	29.53	17.21
23.0	1.0	1438	-1	-----	-----	-----	0.020	1.5	-----	-----	-----	29.42	17.42
24.0	1.0	1455	-1	-----	-----	-----	0.022	1.6	-----	-----	-----	29.55	18.13
25.0	1.0	1512	-1	-----	-----	-----	0.023	1.6	-----	-----	-----	30.08	19.14
26.0	1.0	1531	-1	-----	-----	-----	0.021	1.5	-----	-----	-----	29.88	18.96
27.0	1.0	1545	-1	-----	-----	-----	0.021	1.5	-----	-----	-----	29.95	18.98
28.0	1.0	1600	-1	-----	-----	-----	0.021	1.5	-----	-----	-----	29.78	19.08
29.0	1.0	1613	-1	-----	-----	-----	0.024	1.6	-----	-----	-----	29.59	19.29

REGRESSION	N	R^2	A	B	Syx
CHL A vs FLUORESCENCE	10	0.04	1.223	15.008	0.611
EXCOF vs NEPHELOMETRY	3	0.49	1.509	0.944	0.418
SALINITY vs DISCR SALINITY	3	1.00	1.194	1.003	0.022

LOCATION: SOUTH BAY CHANNEL
DATE: 30 OCTOBER 1986

STATN NUMBER	DEPTH	TIME	TIDE	DISCR CHL A	DISCR PHAEO	CHLA/ A+PHA	FLUOR	CALC CHL A	EXCOF (SD)	CALC EXCOF	DISCR SALIN	SALIN	TEMP
32.0	0.0	923	1	-----	-----	-----	0.076	1.3	1.61	1.58	-----	29.07	18.37
32.0	2.0	919	1	1.7	1.3	0.56	0.076	1.3	-----	1.60	-----	29.05	18.38
32.0	5.0	909	1	-----	-----	-----	0.078	1.3	-----	1.72	-----	29.05	18.34
32.0	10.0	904	1	-----	-----	-----	0.079	1.4	-----	1.81	-----	29.04	18.41
31.0	1.0	940	1	-----	-----	-----	0.070	1.2	-----	1.70	-----	29.20	18.48
30.0	0.0	1031	1	-----	-----	-----	0.063	1.0	1.24	1.20	-----	29.36	18.63
30.0	2.0	1027	1	0.8	1.3	0.39	0.062	0.9	-----	1.48	-----	29.35	18.72
30.0	14.0	1010	1	1.1	2.1	0.35	0.069	1.1	-----	2.03	29.60	29.28	18.57
29.0	1.0	1101	1	-----	-----	-----	0.063	1.0	-----	1.05	-----	29.46	18.23
28.0	1.0	1114	1	-----	-----	-----	0.069	1.1	-----	0.86	-----	29.41	18.23
27.0	0.0	1151	1	-----	-----	-----	0.071	1.2	0.95	0.85	-----	29.19	18.35
27.0	2.0	1146	1	1.2	0.5	0.73	0.069	1.1	-----	0.86	-----	29.19	18.39
27.0	12.0	1137	1	0.7	0.8	0.48	0.057	0.8	-----	0.88	29.50	29.63	18.37
26.0	1.0	1204	1	-----	-----	-----	0.068	1.1	-----	0.87	-----	29.19	18.18
25.0	1.0	1219	0	-----	-----	-----	0.076	1.3	-----	0.82	-----	29.09	18.21
24.0	0.0	1259	-1	-----	-----	-----	0.069	1.1	0.92	0.94	-----	28.99	17.62
24.0	2.0	1254	-1	1.1	0.8	0.57	0.063	1.0	-----	0.99	-----	28.96	17.49
24.0	10.0	1243	-1	0.8	1.2	0.39	0.059	0.9	-----	1.51	28.86	29.03	17.21
23.0	1.0	1315	-1	-----	-----	-----	0.064	1.0	-----	0.99	-----	29.01	17.28
22.0	1.0	1328	-1	-----	-----	-----	0.076	1.3	-----	0.83	-----	29.07	18.81
21.0	0.0	1403	-1	-----	-----	-----	0.078	1.3	0.95	1.08	-----	29.07	18.85
21.0	2.0	1356	-1	1.3	1.0	0.57	0.076	1.3	-----	1.29	-----	29.07	18.66
21.0	15.0	1348	-1	1.2	3.0	0.28	0.085	1.5	-----	2.62	29.11	29.13	18.55
22.0	1.0	1423	-1	-----	-----	-----	0.081	1.4	-----	1.18	-----	28.98	17.01
24.0	1.0	1457	-1	-----	-----	-----	0.074	1.2	-----	1.82	-----	29.13	17.04
25.0	1.0	1515	-1	-----	-----	-----	0.079	1.4	-----	1.57	-----	29.31	18.32
26.0	1.0	1535	-1	-----	-----	-----	0.062	0.9	-----	1.38	-----	29.39	18.30
27.0	1.0	1548	-1	-----	-----	-----	0.063	1.0	-----	1.38	-----	29.43	18.51
28.0	1.0	1557	-1	-----	-----	-----	0.066	1.1	-----	1.40	-----	29.36	18.70
29.0	1.0	1612	-1	-----	-----	-----	0.070	1.2	-----	1.41	-----	29.17	18.75

REGRESSION	N	R^2	A	B	Syx
CHL A vs FLUORESCENCE	9	0.55	-0.647	25.638	0.226
EXCOF vs NEPHELOMETRY	5	0.90	0.447	2.577	0.108
SALINITY vs DISCR SALINITY	4	0.58	17.807	0.409	0.270

LOCATION: SOUTH BAY CHANNEL
DATE: 14 NOVEMBER 1986

STATN NUMBR	DEPTH	TIME	TIDE	DISCR CHL A	DISCR PHAEO	CHLA/ A+PHA	FLUOR	CALC CHL A	EXCOF (SD)	CALC EXCOF	DISCR SALIN	SALIN	TEMP
32.0	0.0	909	1	2.0	2.9	0.41	0.086	1.5	2.58	2.52	-----	28.81	15.89
32.0	9.0	901	1	1.8	4.7	0.28	0.101	1.7	-----	3.53	28.80	28.78	15.97
31.0	1.0	927	1	-----	-----	-----	0.082	1.4	-----	2.53	-----	29.07	16.29
30.0	0.0	1002	1	1.1	3.2	0.25	0.074	1.3	2.22	2.33	-----	29.24	15.85
30.0	14.0	954	1	1.1	6.5	0.14	0.099	1.6	-----	3.97	-----	29.21	16.02
29.0	1.0	1032	1	-----	-----	-----	0.074	1.3	-----	2.49	-----	29.52	16.32
28.0	1.0	1046	1	-----	-----	-----	0.069	1.3	-----	1.92	-----	29.60	16.50
27.0	0.0	1119	1	1.6	1.6	0.49	0.063	1.2	1.76	1.63	-----	29.58	16.09
27.0	13.0	1108	1	1.4	2.3	0.38	0.069	1.3	-----	2.12	29.54	29.58	16.25
26.0	1.0	1135	1	-----	-----	-----	0.064	1.2	-----	1.62	-----	29.53	16.47
25.0	1.0	1150	1	-----	-----	-----	0.064	1.2	-----	1.57	-----	29.51	15.84
24.0	0.0	1219	0	1.0	1.0	0.50	0.057	1.1	1.18	1.27	-----	29.82	14.82
24.0	10.0	1212	0	1.1	1.3	0.46	0.057	1.1	-----	1.49	-----	29.97	14.81
23.0	1.0	1236	0	-----	-----	-----	0.064	1.2	-----	1.18	-----	30.21	14.55
22.0	1.0	1250	0	-----	-----	-----	0.067	1.2	-----	1.17	-----	30.19	14.58
21.0	0.0	1319	-1	1.6	0.8	0.71	0.072	1.3	1.18	1.17	-----	29.88	14.63
21.0	15.0	1310	-1	0.7	1.0	0.43	0.056	1.1	-----	1.30	30.72	30.70	14.50
22.0	1.0	1344	-1	-----	-----	-----	0.063	1.2	-----	1.19	-----	30.03	14.85
23.0	1.0	1405	-1	-----	-----	-----	0.065	1.2	-----	1.33	-----	29.75	15.17
24.0	1.0	1423	-1	-----	-----	-----	0.072	1.3	-----	1.96	-----	29.54	15.86
25.0	1.0	1440	-1	-----	-----	-----	0.078	1.4	-----	2.62	-----	29.54	16.54
26.0	1.0	1457	-1	-----	-----	-----	0.071	1.3	-----	2.12	-----	29.54	16.52
27.0	1.0	1510	-1	-----	-----	-----	0.072	1.3	-----	2.35	-----	29.56	16.60
28.0	1.0	1523	-1	-----	-----	-----	0.070	1.3	-----	2.30	-----	29.43	16.50
29.0	1.0	1538	-1	-----	-----	-----	0.073	1.3	-----	2.26	-----	29.23	16.34
30.0	1.0	1603	-1	-----	-----	-----	0.080	1.4	-----	2.14	-----	28.96	16.37

REGRESSION	N	R^2	A	B	Syx
CHL A vs FLUORESCENCE	10	0.27	0.421	12.368	0.363
EXCOF vs NEPHELOMETRY	5	0.97	0.816	1.597	0.122
SALINITY vs DISCR SALINITY	3	1.00	-0.385	1.061	0.041

LOCATION: SOUTH BAY CHANNEL
DATE: 15 DECEMBER 1986

STATN NUMBR	DEPTH	TIME	TIDE	DISCR CHL A	DISCR PHAEO	CHLA/ A+PHA	FLUOR	CALC CHL A	EXCOF (SD)	CALC EXCOF	DISCR SALIN	SALIN	TEMP
32.0	0.0	917	1	2.1	1.5	0.59	0.085	1.5	1.76	1.72	-----	28.61	11.88
32.0	11.0	909	1	1.6	4.3	0.27	0.100	1.7	-----	3.59	-----	29.10	12.28
31.0	1.0	935	1	-----	-----	-----	0.073	1.3	-----	1.57	-----	28.91	12.34
30.0	0.0	1015	1	1.4	2.3	0.38	0.074	1.3	2.22	2.23	-----	29.27	12.45
30.0	14.0	1009	1	1.3	1.5	0.47	0.085	1.5	-----	3.04	29.17	29.31	12.53
29.0	1.0	1044	1	-----	-----	-----	0.068	1.2	-----	2.08	-----	29.51	12.61
28.0	1.0	1057	1	-----	-----	-----	0.064	1.1	-----	1.77	-----	29.66	12.53
27.0	0.0	1131	1	1.1	1.7	0.41	0.063	1.1	1.76	1.77	-----	29.67	12.36
27.0	13.0	1118	1	1.1	1.8	0.38	0.063	1.1	-----	1.88	29.76	29.95	12.20
26.0	1.0	1252	-1	-----	-----	-----	0.069	1.2	-----	1.61	-----	29.73	12.51
25.0	1.0	1306	-1	-----	-----	-----	0.070	1.2	-----	1.48	-----	29.83	12.23
24.0	0.0	1350	-1	1.0	1.2	0.45	0.076	1.3	1.31	1.33	-----	29.51	11.63
24.0	10.0	1342	-1	1.0	1.8	0.36	0.078	1.3	-----	1.87	30.02	29.69	11.75
25.0	1.0	1412	-1	-----	-----	-----	0.082	1.4	-----	1.83	-----	29.65	12.41
26.0	1.0	1429	-1	-----	-----	-----	0.077	1.3	-----	1.52	-----	29.63	12.52
27.0	1.0	1440	-1	-----	-----	-----	0.080	1.4	-----	1.67	-----	29.54	12.54
28.0	1.0	1526	-1	-----	-----	-----	0.081	1.4	-----	1.73	-----	29.53	12.58
29.0	1.0	1538	-1	-----	-----	-----	0.089	1.5	-----	1.76	-----	29.31	12.75

REGRESSION	N	R^2	A	B	Syx
CHL A vs FLUORESCENCE	8	0.31	0.005	17.132	0.336
EXCOF vs NEPHELOMETRY	4	0.99	0.857	1.646	0.037
SALINITY vs DISCR SALINITY	3	0.56	7.021	0.801	0.409